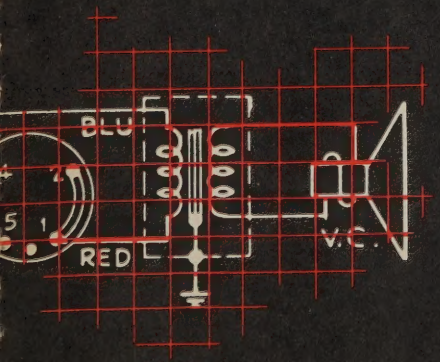
SERVICE PARTS DIRECTORY FOR

RCA VICTOR

1950 & 1951 TV RECEIVERS

- Complete TV schematics on 71 Models
- Individual top and bottom chassis views
- Cross-referenced index by model name and number
- Accurate chassis identification
- Easy-to-use parts list
- PLUS... jumbo-size model name and number on each page to help you locate proper schematic—quickly!



FORM NO. SP-1014

INTRODUCTION

This **Service Parts Directory** includes parts lists, schematic diagrams, and top and bottom views for the 71 models of 1950 and 1951 RCA Victor TV Receivers. The publication is designed to give the serviceman a ready source of information about RCA Victor television receivers, and service parts which may be needed for replacement purposes.

The convenient listings on the margins of the right-hand pages, and the comprehensive index, provide a quick, easy means of locating information on any 1950 or 1951 receiver. The parts list, schematic diagram, and top and bottom view for each model are grouped for handy cross-reference.

Each parts list is divided into two sections.

SECTION I includes all service parts which are identified on the schematic by symbol number. In this section, items are arranged by symbol number in alphabetical-numerical sequence.

SECTION II lists alphabetically all parts not shown on the schematic diagram.

All parts for which stock numbers are given are available through RCA distributors. Parts listed without stock numbers are standard items which are generally available and are not, therefore handled as RCA Service Parts.

The following notes apply to all schematic diagrams in this booklet.

All resistance values in ohms. K=1000.

All capacitance values less than 1 are in μf, and above 1 in $\mu\mu f$—unless otherwise indicated.

Coil resistances of less than 1 ohm are not shown.

Electrolytic capacitor values, lug markings and component lead color codes may be different from those indicated, due to production changes.

Direction of arrows on control symbol indicates change produced by clockwise rotation of the control.

All voltages were measured with a VoltOhmyst® and with no signal input to the receiver. With a 117 volt supply, a measured voltage should be within ±20% of the specified voltage.

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SECTION I

Parts With Circuit-Symbol Numbers

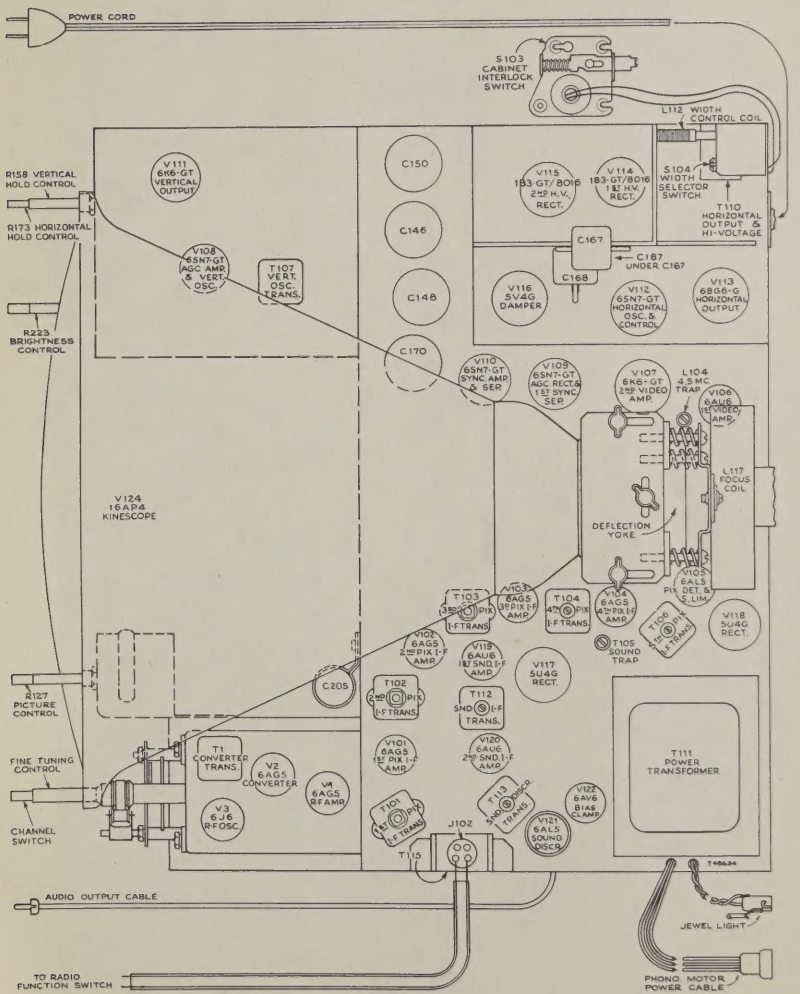
Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500$\mu\mu$f
C3	53511	Ceramic, 10 $\mu\mu$f
C4	74035	Ceramic, 5 $\mu\mu$f
C5	74035	Ceramic, 5 $\mu\mu$f
C6		See L2
C7	71501	Ceramic, 1500 $\mu\mu$f
C8	71501	Ceramic, 1500 $\mu\mu$f
C9	71501	Ceramic, 1500 $\mu\mu$f
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section 150-190 $\mu\mu$f (C12) and 1 section 65-95 $\mu\mu$f (C11)
C12		See C11
C13	71501	Ceramic, 1500 $\mu\mu$f
C14		See L5
C15	71501	Ceramic, 1500 $\mu\mu$f
C16	73473	Ceramic, 1500 $\mu\mu$f
C17	71501	Ceramic, 1500 $\mu\mu$f
C18	71501	Ceramic, 1500 $\mu\mu$f
C19	71501	Ceramic, 1500 $\mu\mu$f
C20	54207	Ceramic, 18 $\mu\mu$f
C21	73091	Ceramic, 270 $\mu\mu$f, see L6
C22		See L7
C101	71501	Ceramic, 1500 $\mu\mu$f
C102		See T101
C103	71501	Ceramic, 1500 $\mu\mu$f
C104	71501	Ceramic, 1500 $\mu\mu$f
C105	71501	Ceramic, 1500 $\mu\mu$f
C106	73091	Mica, 270 $\mu\mu$f
C107		See T102
C108	71501	Ceramic, 1500 $\mu\mu$f
C109	71501	Ceramic, 1500 $\mu\mu$f
C110	71501	Ceramic, 1500 $\mu\mu$f
C111	74105	Mica, 33 $\mu\mu$f
C112		See T103
C113	71501	Ceramic, 1500 $\mu\mu$f
C114	71501	Ceramic, 1500 $\mu\mu$f
C115	73091	Mica, 270 $\mu\mu$f
C116		See T104
C117	71501	Ceramic, 1500 $\mu\mu$f
C118	71501	Ceramic, 1500 $\mu\mu$f
C120	64062	Ceramic, 82 $\mu\mu$f
C121	73091	Mica, 270 $\mu\mu$f
C122	71501	Ceramic, 1500 $\mu\mu$f
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 $\mu\mu$f
C126	74182	Ceramic, 6 $\mu\mu$f
C127	73550	Tubular, moulded paper, .0047 μf-600 volts
C128		See L104
C129	73553	Tubular, moulded paper, .047 μf-400 volts
C130	73551	Tubular, moulded paper, 0.1 μf-400 volts
C131	74106	Electrolytic, 5 μf-50 volts
C132	71501	Ceramic, 1500 $\mu\mu$f
C133	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C134	73561	Tubular, moulded paper, .01 μf - 400 volts
C135	73560	Tubular, moulded paper, 0.22 μf - 200 volts
C136	73091	Mica, 270 $\mu\mu$f
C137	73801	Tubular, moulded paper, .001 μf - 600 volts
C138	75060	Mica, 100 $\mu\mu$f
C139	73553	Tubular, moulded paper, .047 μf - 400 volts
C140	51416	Mica, 180 $\mu\mu$f
C141	39642	Mica, 390 $\mu\mu$f
C142	73803	Tubular, moulded paper, .0022 μf - 600 volts
C143	73550	Tubular, moulded paper, .0047 μf - 600 volts
C144	73550	Tubular, moulded paper, .0047 μf - 600 volts
C145	73920	Tubular, moulded paper, oil-filled, .0047 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73592	Tubular, moulded paper, oil-filled, .047 μf - 600 volts
C148	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 450 volts, and 50 μf - 150 volts
C149	73551	Tubular, moulded paper, 0.1 μf - 400 volts
C150	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts, and 1 section of 10 μf - 450 volts
C151	73561	Tubular, moulded paper, .01 μf - 400 volts
C152	73561	Tubular, moulded paper, .01 μf - 400 volts
C153	73580	Mica, trimmer (Sec. A, B) comprising 10-160 $\mu\mu$f or 40-370 $\mu\mu$f
C154	73803	Tubular, moulded paper, .0022 μf - 600 volts
C155	73562	Tubular, moulded paper, .022 μf - 400 volts
C156	73592	Tubular, moulded paper, oil-filled, .04 μf - 600 volts
C157	73794	Tubular, moulded paper, 0.22 μf - 400 volts
C158	73102	Mica, 180 $\mu\mu$f
C159	73594	Tubular, moulded paper, oil-filled, .01 μf - 600 volts
C160	74250	Mica, 560 $\mu\mu$f
C161	73595	Tubular, moulded paper, oil-filled, .0022 μf - 600 volts
C162	73794	Tubular, moulded paper, 0.22 μf - 400 volts
C163	73564	Tubular, moulded paper, .047 μf - 1000 volts
C164	73596	Tubular, moulded paper, oil-filled, .033 μf - 1000 volts
C165	73597	Tubular, moulded paper, oil-filled, .047μf - 1000 volts
C166	72809	Mica, 5 $\mu\mu$f
C167	74153	Ceramic, 500 $\mu\mu$f - 15 kv
C168	74153	Ceramic, 500 $\mu\mu$f - 15 kv
C169		See L110
C170	71436	Electrolytic (Sec. A, B) comprising 250 μf - 10 volts, and 1000 μf - 6 volts
C171	71501	Ceramic, 1500 $\mu\mu$f
C172	71501	Ceramic, 1500 $\mu\mu$f
C173		See T112
C174		See T112
C175	39396	Ceramic, 100 $\mu\mu$f
C176	71501	Ceramic, 1500 $\mu\mu$f
C177	71501	Ceramic, 1500 $\mu\mu$f
C178		See T113
C179		See T113
C180		See T113
C183	73922	Ceramic, 270 $\mu\mu$f
C187	74154	Ceramic, 250 $\mu\mu$f - 20,000 volts
C188	71501	Ceramic, 1500 $\mu\mu$f
C189		See L118
C190	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C191	71501	Ceramic, 1500 $\mu\mu$f
C192	71501	Ceramic, 1500 $\mu\mu$f
C193	71501	Ceramic, 1500 $\mu\mu$f
C194	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 80 μf - 200 volts
C196	71501	Ceramic, 1500 $\mu\mu$f
C197	73553	Tubular, moulded paper, .047 μf - 400 volts
C198	73796	Tubular, moulded paper, .0039 μf - 600 volts
C199	73921	Ceramic, 120 $\mu\mu$f
C201	73784	Tubular, moulded paper, 0.1 μf - 200 volts
C202	73795	Tubular, moulded paper, .0033 μf - 600 volts
C204	73922	Ceramic, 270 $\mu\mu$f
C205	74266	Electrolytic, 40 μf - 400 volts
C212	74433	Electrolytic (Sec. A, B) comprising 90 μf - 350 volts, and 10 μf - 350 volts
C217	73562	Tubular, moulded paper, .022 μf - 400 volts
		FUSES, CONNECTORS, SOCKETS,
F101	73600	0.25 ampere fuse, 250 volts
F102	73600	0.25 ampere fuse, 250 volts
J102		See T115
J106	75061	9-pin socket moulded
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C6, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke
L11	73477	Choke
L12	72477	Choke
L13	73460	Tuner
L14	73468	Front oscillator section stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L31, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form for L31, see form under miscellaneous
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	RF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Choke
L102	71529	Peaking coil incl. L102, R119
L103	71529	Peaking coil
L104	73577	Video trap incl. L104, C128
L105	71528	Peaking coil incl. L105, R123
L106	74214	Peaking coil
L107	71527	Peaking coil
L108	71529	Peaking coil incl. L108, R226
L109	71528	Peaking coil incl. L109, R130
L110	74141	Deflecting yoke incl. L110, L111, L114, L115, C169, R166, R167
L111		See L110
L112	71429	Width control
L113	71449	Horizontal linearity control
L114		See L110
L115		See L110
L118	73476	IF trap incl. L118, C189, see T105
L119	74170	Peaking coil incl. L119, R110
L120	74570	Focus coil
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		68 ohms, ±10%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L119
R111		39 ohms, ±10%, ½ watt
R112		5600 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		6800 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		See L102
R120		4700 ohms, ±5%, ½ watt
R121		10 ohms, ±20%, ½ watt
R122		82 ohms, ±5%, ½ watt
R123		See L105
R124		5100 ohms, ±5%, ½ watt
R125		3900 ohms, ±5%, 2 watts
R126		120 ohms, ±10%, ½ watt
R127	73663	Picture control
R128		3900 ohms, ±5%, 2 watts
R129		3900 ohms, ±5%, 2 watts
R130		See L109
R131		2.2 megohms, ±10%, ½ watt
R132		2.2 megohms, ±10%, ½ watt
R133		4.7 megohms, ±5%, 1 watt
R134		360,000 ohms, ±5%, ½ watt
R135		56,000 ohms, ±5%, ½ watt
R136		12,000 ohms, ±5%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		1000 ohms, ±10%, ½ watt
R139		1 megohm, ±20%, ½ watt
R140		100,000 ohms, ±10%, ½ watt
R141		10,000 ohms, ±10%, ½ watt
R142		47,000 ohms, ±10%, ½ watt
R143		180,000 ohms, ±10%, ½ watt
R144		47,000 ohms, ±10%, ½ watt
R145		22,000 ohms, ±10%, ½ watt
R146		4700 ohms, ±10%, ½ watt
R147		12,000 ohms, ±10%, 2 watts
R148		1 megohm, ±20%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		22,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		220,000 ohms, ±10%, ½ watt
R155	71440	Height control
R156		56,000 ohms, ±10%, ½ watt
R157		1.5 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical hold control
R159		2.2 megohms, ±10%, ½ watt
R160		100,000 ohms, ±10%, ½ watt
R161		1200 ohms, ±10%, 1 watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		8200 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		See L110
R167		See L110
R168		150,000 ohms, ±10%, ½ watt
R169		820,000 ohms, ±5%, ½ watt
R170		2.7 megohms, ±5%, 1 watt
R171		8200 ohms, ±10%, ½ watt
R172		82,000 ohms, ±10%, ½ watt
R173	72734	Horizontal and vertical hold control
R174		150,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		100,000 ohms, ±10%, 1 watt
R177		22,000 ohms, ±10%, ½ watt
R178		150,000 ohms, ±5%, 1 watt
R179		100,000 ohms, ±10%, 1 watt
R180		150,000 ohms, ±10%, ½ watt
R182		10,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		150 ohms, ±10%, 2 watts
R185		820,000 ohms, ±10%, ½ watt
R186		180,000 ohms, ±10%, ½ watt
R187		5600 ohms, ±10%, 1 watt
R188		3300 ohms, ±10%, ½ watt
R189	74156	Wire wound, 3.9 ohms, ½ watt
R190	74156	Wire wound, 3.9 ohms, ½ watt
R191		180,000 ohms, ±10%, 2 watts
R192		180,000 ohms, ±10%, 2 watts
R193		180,000 ohms, ±10%, 2 watts
R194		560,000 ohms, ±10%, ½ watt
R195		22,000 ohms, ±20%, ½ watt
R196	74375	Wire wound, 150 ohms, 20 watts
R198		150 ohms, ±20%, ½ watt
R199	74146	Horizontal centering control
R202	71443	Vertical centering control
R203	74155	Voltage divider (Sec. A, B, C, D) comprising 775 ohms - 9.5 watts, 550 ohms - 5 watts, 350 ohms - 3 watts and 450 ohms - 5 watts
R204	48207	Wire wound, 3300 ohms, 10 watts
R205	74213	Wire wound, 820 ohms, 4 watts
R206	74146	Video bias control
R207		82 ohms, ±10%, ½ watt
R208		1200 ohms, ±10%, ½ watt
R209		22,000 ohms, ±20%, ½ watt
R210		22,000 ohms, ±20%, ½ watt
R211		1000 ohms, ±20%, ½ watt
R214	72067	Wire wound, 5.1 ohms, ½ watt
R215		100,000 ohms, ±5%, ½ watt
R216		100,000 ohms, ±5%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223	73156	Brightness control
R224		10,000 ohms, ±10%, ½ watt
R225		47,000 ohms, ±20%, ½ watt
R226		See L108
R234	74213	Wire wound, 820 ohms, 4 watts
R235	74442	Focus control
R236		100,000 ohms, ±20%, 2 watts
		SEGMENTS, SOCKETS
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S103	74157	Interlock switch
S104	74147	Width control coil switch
		TRANSFORMERS, TRAPS
T1	73448	Converter transformer and R6
T101	73571	First pix IF transformer incl. T101, C102, R101
T102	73572	Second pix IF transformer incl. T102, C107
T103	73573	Third pix IF transformer incl. T103, C112
T104	73574	Fourth pix IF transformer incl. T104, C116
T105	71778	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C123, C124
T107	74144	Vertical oscillator transformer
T108	73668	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74145	Horizontal output transformer
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T115	73578	Antenna matching coils complete with socket and bracket incl. T115, J102
T116	74195	Filament transformer, 115 volt - 60 cycle
T117	74194	Power transformer, 115 volt - 60 cycle
		CABLE
W1	73478	IF transmission cable 47½ inch

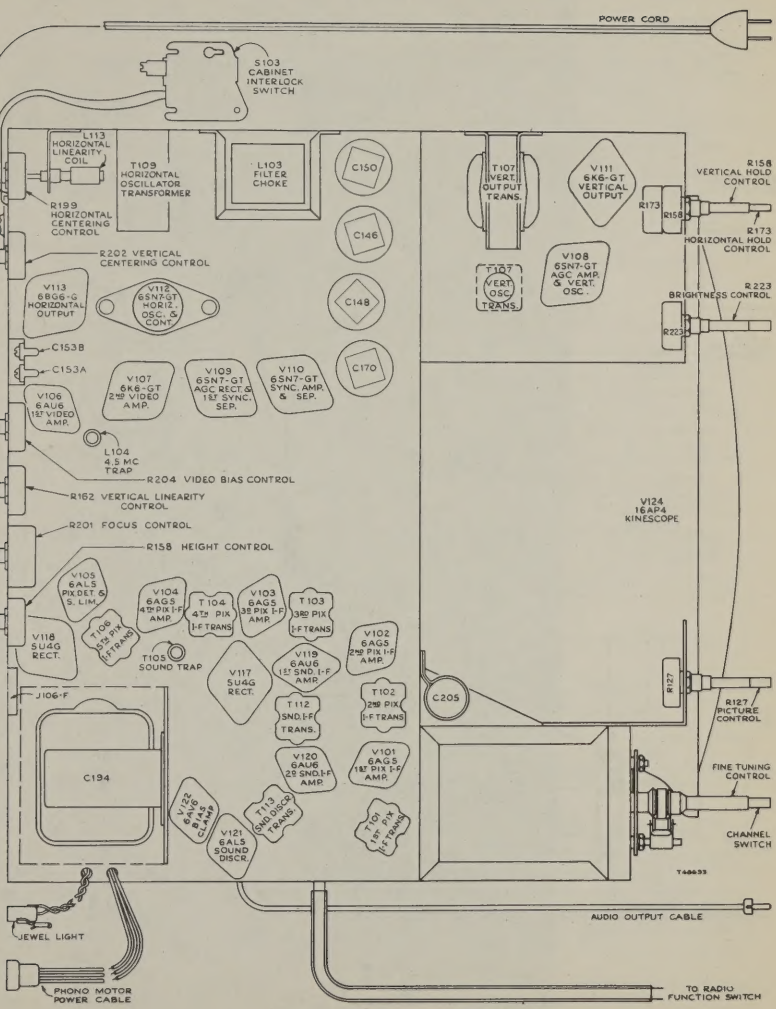
SECTION II

Parts Without Circuit-Symbol Numbers

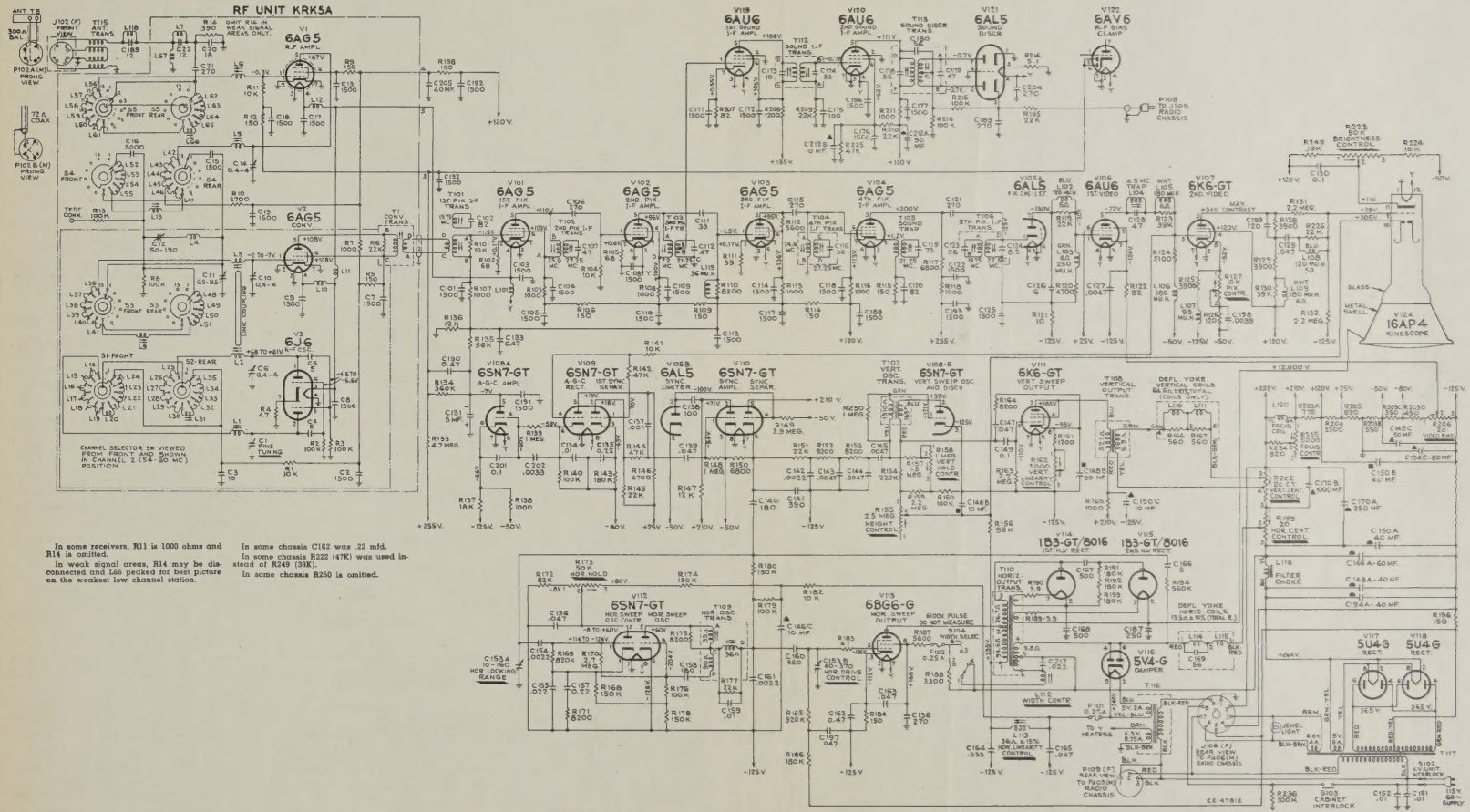
Stock No.	Description
	SPEAKER ASSEMBLY 92569-6W RL111-13
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly
5039	Connector—4 contact male connector for speaker
74753	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less output transformer and plug
73636	Transformer—Output transformer
	NOTE: If stamping in instruments does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.

Continued on page 130, column 1


POWER CORD
S103 CABINET INTERLOCK SWITCH
L112 WIDTH CONTROL COIL
S104 WIDTH SELECTOR SWITCH
T110 HORIZONTAL OUTPUT & HI-VOLTAGE
V111 6K6-GT VERTICAL OUTPUT
V115 1B3-GT/8016 2ND H.V. RECT.
V114 1B3-GT/8016 1ST H.V. RECT.
C150
C146
C148
C170
C167
C187 UNDER C167
C168
V116 5V4G DAMPER
V112 6SN7-GT HORIZONTAL OSC. & CONTROL
V113 6BG6-G HORIZONTAL OUTPUT
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
V108 6SN7-GT AGC AMP. & VERT. OSC.
T107 VERT. OSC. TRANS.
R223 BRIGHTNESS CONTROL
V110 6SN7-GT SYNC AMP. & SEP.
V109 6SN7-GT AGC RECT. & 1ST SYNC SEP.
V107 6K6-GT 2ND VIDEO AMP.
L104 4.5 MC TRAP
V106 6AU6 1ST VIDEO AMP.
L117 FOCUS COIL
V124 16AP4 KINESCOPE
DEFLECTION YOKE
V105 6AL5 PIX DET. & 2ND LIM.
T106 2ND PIX I-F TRANS.
V118 5U4G RECT.
T103 1ST PIX I-F TRANS.
V103 6AG5 1ST PIX I-F AMP.
T104 2ND PIX I-F TRANS.
V104 6AG5 2ND PIX I-F AMP.
T105 SOUND TRAP
V102 6AG5 2ND PIX I-F AMP.
V119 6AU6 1ST SND. I-F AMP.
V117 5U4G RECT.
C205
T102 2ND PIX I-F TRANS.
T112 SND. I-F TRANS.
R127 PICTURE CONTROL
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V4 6AG5 R.F AMP.
V101 6AG5 1ST PIX I-F AMP.
V120 6AU6 2ND SND. I-F AMP.
T111 POWER TRANSFORMER
FINE TUNING CONTROL
CHANNEL SWITCH
V3 6J6 R.F OSC.
T101 1ST PIX I-F TRANS.
T113 SND. DISCR. TRANS.
V122 6AV6 BIAS CLAMP
J102
V121 6AL5 SOUND DISCR.
T115
T48634
AUDIO OUTPUT CABLE
JEWEL LIGHT
TO RADIO FUNCTION SWITCH
PHONO MOTOR POWER CABLE


POWER CORD
S103 CABINET INTERLOCK SWITCH
L113 HORIZONTAL LINEARITY COIL
T109 HORIZONTAL OSCILLATOR TRANSFORMER
L103 FILTER CHOKE
C150
C146
C148
C170
T107 VERT. OUTPUT TRANS.
V111 6K6-GT VERTICAL OUTPUT
R158 VERTICAL HOLD CONTROL
R173
R158
R173 HORIZONTAL HOLD CONTROL
R199 HORIZONTAL CENTERING CONTROL
R202 VERTICAL CENTERING CONTROL
T1107 VERT. OSC. TRANS.
V108 6SN7-GT AGC AMP. & VERT. OSC.
R223 BRIGHTNESS CONTROL
R223
V113 6BG6-G HORIZONTAL OUTPUT
V112 6SN7-GT HORIZ. OSC. & CONT.
C153B
C153A
V107 6K6-GT 2ND VIDEO AMP.
V109 6SN7-GT AGC RECT. & 1ST SYNC. SEP.
V110 6SN7-GT SYNC. AMP. & SEP.
V106 6AU6 1ST VIDEO AMP.
L104 4.5 MC TRAP
R204 VIDEO BIAS CONTROL
R162 VERTICAL LINEARITY CONTROL
R201 FOCUS CONTROL
R158 HEIGHT CONTROL
V124 16AP4 KINESCOPE
V105 6AL5 PIX DET. & S. LIM.
V104 6AG5 4TH PIX I-F AMP.
T 104 4TH PIX I-F TRANS
V103 6AG5 3RD PIX I-F AMP.
T 103 3RD PIX I-F TRANS
V102 6AG5 2ND PIX I-F AMP.
T106 5TH PIX I-F TRANS
V118 5U4G RECT.
T105 SOUND TRAP
V117 5U4G RECT.
V119 6AU6 1ST SND. I-F AMP.
T112 SND. I-F TRANS.
T102 2ND PIX I-F TRANS
C205
R127
R127 PICTURE CONTROL
J106-F
C194
V120 6AU6 2ND SND. I-F AMP.
V101 6AG5 1ST PIX I-F AMP.
FINE TUNING CONTROL
V122 6AL5 B+ CLAMP
T113 SND. DISCR. TRANS.
T101 1ST PIX I-F TRANS
CHANNEL SWITCH
V121 6AL5 SOUND DISCR.
T-4A93
AUDIO OUTPUT CABLE
JEWEL LIGHT
PHONO MOTOR POWER CABLE
TO RADIO FUNCTION SWITCH

Model
S1000



Chassis
Number
KCS 31-1

SECTION I

Parts With Circuit-Symbol Numbers

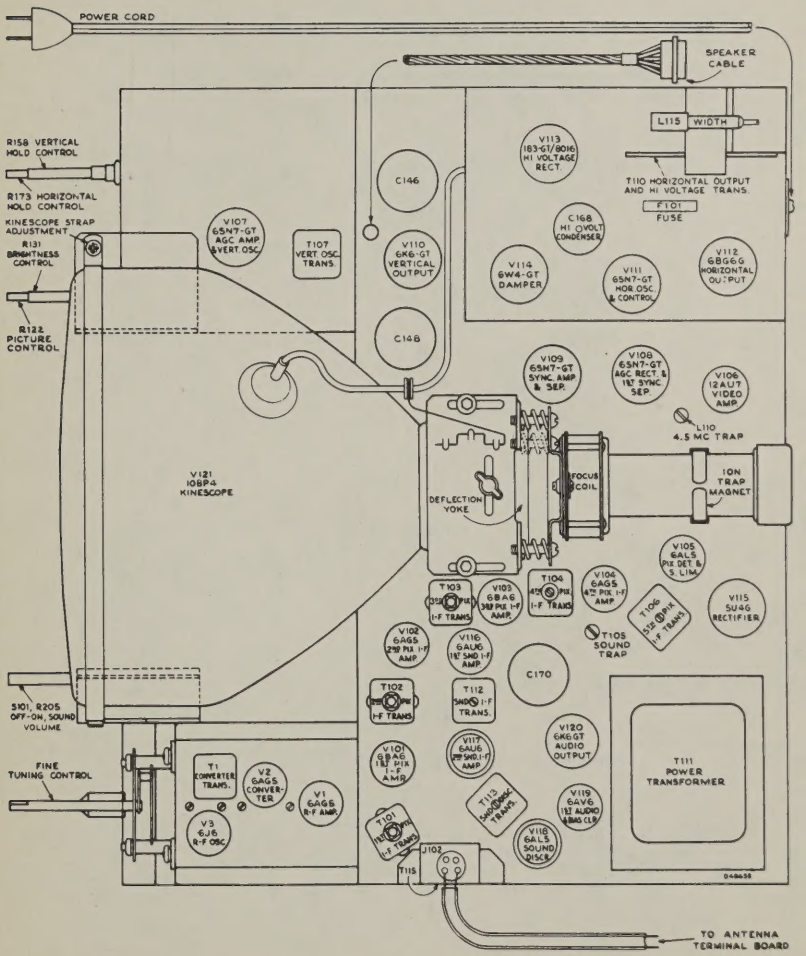
Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 μμf
C3	53511	Ceramic, 10 μμf
C4	74035	Ceramic, 5 μμf
C5	74035	Ceramic, 5 μμf
C6		See L2
C7	71501	Ceramic, 1500 μμf
C8	71501	Ceramic, 1500 μμf
C9	71501	Ceramic, 1500 μμf
C10		See L2
C11	73449	Ceramic, trimmer comprising 1 section 150-190 μμf (C12), and 1 section 65-95 μμf (C11)
C12		See C11
C13	71501	Ceramic, 1500 μμf
C14		See L5
C15	71501	Ceramic, 1500 μμf
C16	73473	Ceramic, 1500 μμf
C17	71501	Ceramic, 1500 μμf
C18	71501	Ceramic, 1500 μμf
C19	71501	Ceramic, 1500 μμf
C20	54207	Ceramic, 18 μμf
C21	73091	Ceramic, 270 μμf, see *L6*
C22		See L7
C101	71501	Ceramic, 1500 μμf
C102		See T101
C103	71501	Ceramic, 1500 μμf
C104	71501	Ceramic, 1500 μμf
C105	71501	Ceramic, 1500 μμf
C106	73091	Mica, 270 μμf
C107		See T102
C108	71501	Ceramic, 1500 μμf
C109	71501	Ceramic, 1500 μμf
C110	71501	Ceramic, 1500 μμf
C111	74105	Mica, 33 μμf
C112		See T103
C113	71501	Ceramic, 1500 μμf
C114	71501	Ceramic, 1500 μμf
C115	73091	Mica, 270 μμf
C116		See T104
C117	71501	Ceramic, 1500 μμf
C118	71501	Ceramic, 1500 μμf
C119		See T105
C120	64062	Ceramic, 82 μμf
C121	73091	Mica, 270 μμf
C122	71501	Ceramic, 1500 μμf
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 μμf
C126	39604	Mica, 10 μμf
C127	71501	Ceramic, 1500 μμf
C128		See L110
C129	73921	Ceramic, 120 μμf
C130	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 μμf
C133	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C137	73801	Tubular, paper, oil-impregnated, .001 μf - 1000 volts
C138	75060	Mica, 100 μμf
C139	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C140	74726	Mica, 39 μμf
C141	39642	Mica, 390 μμf
C142	73595	Tubular, moulded paper, oil-filled, .0022 μf - 600 volts
C143	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C144	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C145	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 150 volts, and 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts, and 1 section of 10 μf - 450 volts
C149	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C151	73565	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C152	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C153	74593	Mica, trimmer (Sec. A, B) comprising 3-35 μμf and 40-370 μμf
C154	73595	Tubular, moulded paper, oil-filled, .0022 μf - 600 volts
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C156	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73102	Mica, 180 μμf
C159	73594	Tubular, moulded paper, oil-filled, .01 μf - 600 volts
C160	74250	Mica, 560 μμf
C161	73595	Tubular, moulded paper, oil-filled, .0022 μf - 600 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	74727	Tubular, moulded paper, oil-filled, .018 μf - 1000 volts
C165	74728	Tubular, moulded paper, oil-filled, .039 μf - 1000 volts
C168	74153	Hi-voltage, 500 μμf - 15,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 80 μf - 200 volts
C171	71501	Ceramic, 1500 μμf
C172	71501	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175	39396	Ceramic, 100 μμf
C176	71501	Ceramic, 1500 μμf
C177	71501	Ceramic, 1500 μμf
C178		See T113
C179		See T113
C180		See T113
C181	73802	Tubular, paper, oil-impregnated, .0015 μf - 1000 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73922	Ceramic, 270 μμf
C184	73595	Tubular, moulded paper, oil-filled, .0022 μf - 600 volts
C185	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C186	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C188	71501	Ceramic, 1500 μμf
C189		See L116
C190	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C192	71501	Ceramic, 1500 μμf
C193	71501	Ceramic, 1500 μμf
C194	73922	Ceramic, 270 μμf
C195	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C196	71501	Ceramic, 1500 μμf
C197	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C198	73922	Ceramic, 270 μμf
C200	39642	Mica, 390 μμf
		FUSES, SOCKETS, CONNECTORS
F101	73600	0.25 amp. fuse, 250 volts
J102		See T115
J103	35787	Phono input connector
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C6, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke
L11	73477	Choke
L12	73477	Choke
L13	73460	Tuner
L14	73468	Front oscillator section stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L32, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form for L31, see form under miscellaneous
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	RF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Choke coil
L102	71527	Peaking coil
L103	74214	Peaking coil
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	71526	Peaking coil
L108	71420	Deflecting yoke incl. L108, L109, L112, L113, C169, R166, R167
L109		See L108
L110	73577	4.5 mc trap incl. L110, C128
L111	71449	Horizontal linearity control
L112		See L108
L113		See L108
L114	71526	Peaking coil
L115	71429	Width control
L116	73476	IF trap incl. L116, C189
L117	74170	Peaking coil incl. L117, R110
L118	74585	Focus coil
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±5%, ½ watt
R112		3900 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R121		39 ohms, ±10%, ½ watt
R122	74047	Brightness and picture control
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6.8 megohms, ±10%, ½ watt
R126		4700 ohms, ±5%, ½ watt
R127		5600 ohms, ±10%, 1 watt
R128		6800 ohms, ±5%, 1 watt
R129		220,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131	74047	Brightness and picture control
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		12,000 ohms, ±10%, ½ watt
R135		39,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		5600 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 megohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		22,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		2200 ohms, ±10%, ½ watt
R155	71440	Height control
R156		56,000 ohms, ±10%, ½ watt
R157		1.5 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical hold control
R159		2.2 megohms, ±10%, ½ watt
R160		100,000 ohms, ±10%, ½ watt
R161		2700 ohms, ±10%, ½ watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		8200 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		See L108
R167		See L108
R168		150,000 ohms, ±10%, ½ watt
R169		820,000 ohms, ±5%, ½ watt
R170		2.7 megohms, ±5%, 1 watt
R171		8200 ohms, ±10%, ½ watt
R172		68,000 ohms, ±10%, ½ watt
R173	72734	Horizontal and vertical hold control
R174		120,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		120,000 ohms, ±5%, 1 watt
R177		6800 ohms, ±10%, 2 watts
R178		180,000 ohms, ±5%, 1 watt
R179		100,000 ohms, ±10%, 1 watt
R180		470,000 ohms, ±10%, ½ watt
R181		1 megohm, ±10%, ½ watt
R182		10,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		270 ohms, ±10%, 2 watts
R186		6800 ohms, ±10%, 2 watts
R187	74598	Wire wound, 2.7 ohms, ½ watt
R189		1 megohm, ±20%, 1 watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192		2200 ohms, ±10%, 1 watt
R193	73588	Voltage divider (Sec. A, B, C) comprising 1 section of 850 ohms - 12 watts, and 2 sections of 650 ohms - 6 watts
R194		1800 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R197		22,000 ohms, ±10%, ½ watt
R198		22,000 ohms, ±10%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	38408	Sound volume control and power switch
R206		330 ohms, ±10%, ½ watt
R207		470,000 ohms, ±20%, ½ watt
R208		1800 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, ½ watt
R210		6800 ohms, ±10%, 2 watts
R211		47,000 ohms, ±10%, ½ watt
R212		680,000 ohms, ±10%, ½ watt
R213		1.2 megohms, ±5%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±10%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, ½ watt
R219		2200 ohms, ±10%, ½ watt
R220		22,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±20%, ½ watt
R222		100,000 ohms, ±20%, 1 watt
R223		330 ohms, ±10%, ½ watt
R224		470,000 ohms, ±10%, ½ watt
R225		18 ohms, ±10%, ½ watt
R226		12,000 ohms, ±10%, ½ watt
		SEGMENTS, SWITCHES
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S101	38408	Sound volume control and power switch
S103	46760	TV phono switch
		TRANSFORMERS, TRAPS
T1	73448	Converter transformer and R6
T101	74589	First pix IF transformer incl. T101, C102, R101
T102	74590	Second pix IF transformer incl. T102, C107
T103	74591	Third pix IF transformer incl. T103, C112
T104	74592	Fourth pix IF transformer incl. T104, C116
T105	71778	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C123, C124
T107	73569	Vertical oscillator transformer
T108	74587	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74588	Horizontal output and hi-voltage transformer
T111	74586	Power transformer 117 volt x 60 cycle
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	71419	Sound output transformer
T115	73578	Antenna transformer complete with socket and bracket incl. T115, J102
		CABLE
W1	73478	IF transmission cable 4⅞ inch

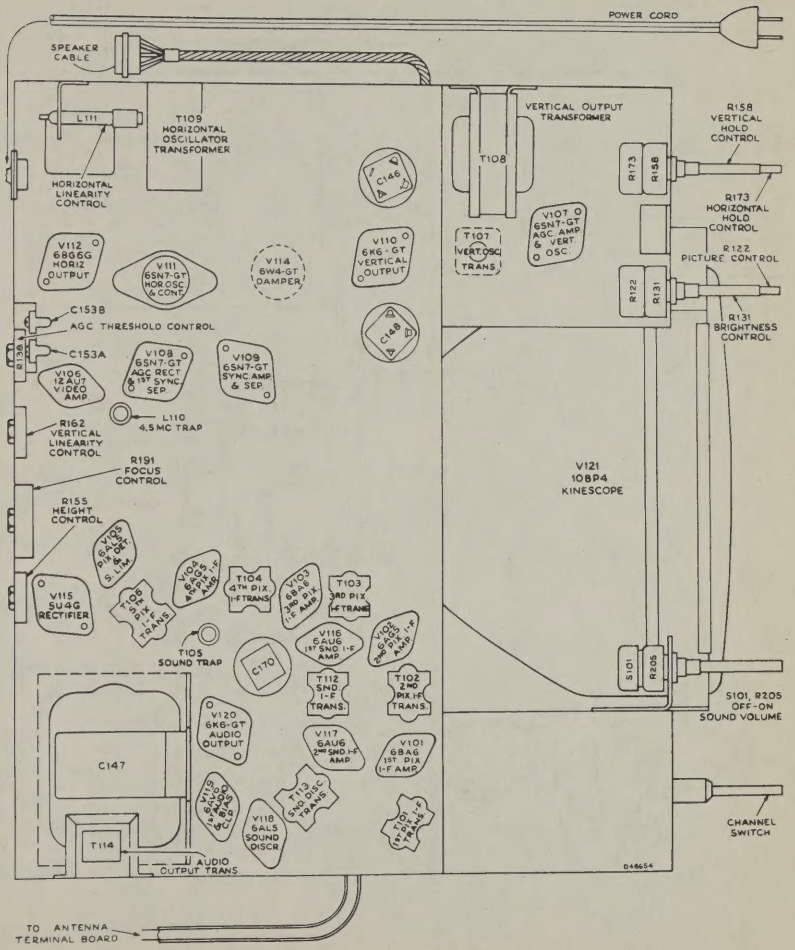
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY
	970773-1
	RL 116-1
71560	Connector—5-contact male connector for speaker
74599	Speaker—5″ x 7″ P.M. speaker complete with cone and voice coil
	MISCELLANEOUS
74637	Back—Cabinet back
75039	Board—"Ant" terminal board
75069	Board—R-F unit power connection terminal board (5 contact)
75067	Bracket—Vertical bracket for holding r-f oscillator tube shield
74594	Connector—2-contact male connector for power cable
39153	Connector—4-contact male connector for antenna cable
12493	Connector—5-contact female connector for speaker cable
71789	Connector—Kinescope anode connector
71521	Contact—Hi-voltage capacitor contact
71457	Cord—Power cord and plug
73455	Core—Sliding core for fine tuning control trimmer
74187	Core—Adjustable core for coil L9
71437	Cover—Insulating cover for electrolytics #71432, 73581 and 73582
74418	Cushion—Rubber cushion for kinescope bottom support
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
74638	Cushion—Vinylite cushion for safety glass
74627	Decal—Control panel function decal
74809	Emblem—"RCA Victor" emblem
73642	Escutcheon—Channel marker escutcheon
74631	Foot—Rubber foot (4 required)
73453	Form—Coil form assembly for L9, C13
74632	Gasket—Cork gasket for safety glass
74629	Glass—Safety glass
71799	Grommet—Rubber grommet for yoke horizontal lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket
74000	Knob—Horizontal hold control or picture control knob (inner)
74635	Knob—Channel selector knob
74636	Knob—Fine tuning knob
73998	Knob—Vertical hold control or brightness control knob (outer)
74002	Knob—Volume control and power switch knob
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
73301	Magnet—Ion trap magnet (PM type)
73587	Nut—Speed nut to mount hi-voltage capacitor
74633	Nut—Speed nut for safety glass retainers
74630	Panel—Removable grille panel and cloth assembly
18469	Plate—Bakelite mounting plate for electrolytics
74572	Plate—Front plate and bushing
30340	Retainer—Retainer ring for fine tuning stud
74628	Retainers—Safety glass retainers (1 set)
70881	Screw—#4-40 x ¼″ binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
73640	Screw—#4-40 x ⅜″ adjusting screw for L66
71475	Screw—#4-40 x ⅛″ adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x ⅛″ adjusting screw for L6
74601	Screw—#8-32 x ⅜″ cross-recessed binder head screw for focus coil mounting (2 required)
74602	Screw—#10-32 x 1¼″ cross-recessed round head screw for focus coil adjustments (3 required)
74416	Screw—#10-32 x 1¾″ round head cross-recessed screw for strap 74735
71456	Screw—#8-32 x ⅛″ wing screw for deflection yoke mounting
75083	Screw—#8-32 x ¼″ wing screw for deflection yoke mounting
74573	Shaft—Channel selector shaft complete with pawl and stud
74574	Shaft—Fine tuning shaft and cam assembly
73632	Shield—Metal tube shield for V1
72951	Shield—Metal tube shield for V3
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
72741	Socket—Kinescope socket
73117	Socket—Tube socket, 7 pin, miniature
72927	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket for 8016
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
73450	Socket—Tube socket, ceramic, 7 prong, bottom mounted
74576	Spacer—Insulating spacer for front plate (4 required)
74595	Spring—Anode lead spring
73586	Spring—Compression spring used under centering control screws (3 required)
74188	Spring—Retaining spring for adjustable core RCA 74187
75068	Spring—Retaining spring for r-f oscillator tube shield
74578	Spring—Retaining spring for adjusting screws RCA 73640 and RCA 74575
30330	Spring—Retaining spring for knob #74000
14270	Spring—Retaining spring for knobs #73998, 74002, 74635, 74636
73457	Spring—Return spring for fine tuning control core
73643	Spring—Spring clip for channel marker escutcheon
74936	Spring—Suspension spring (coil type) for kinescope tube socket leads

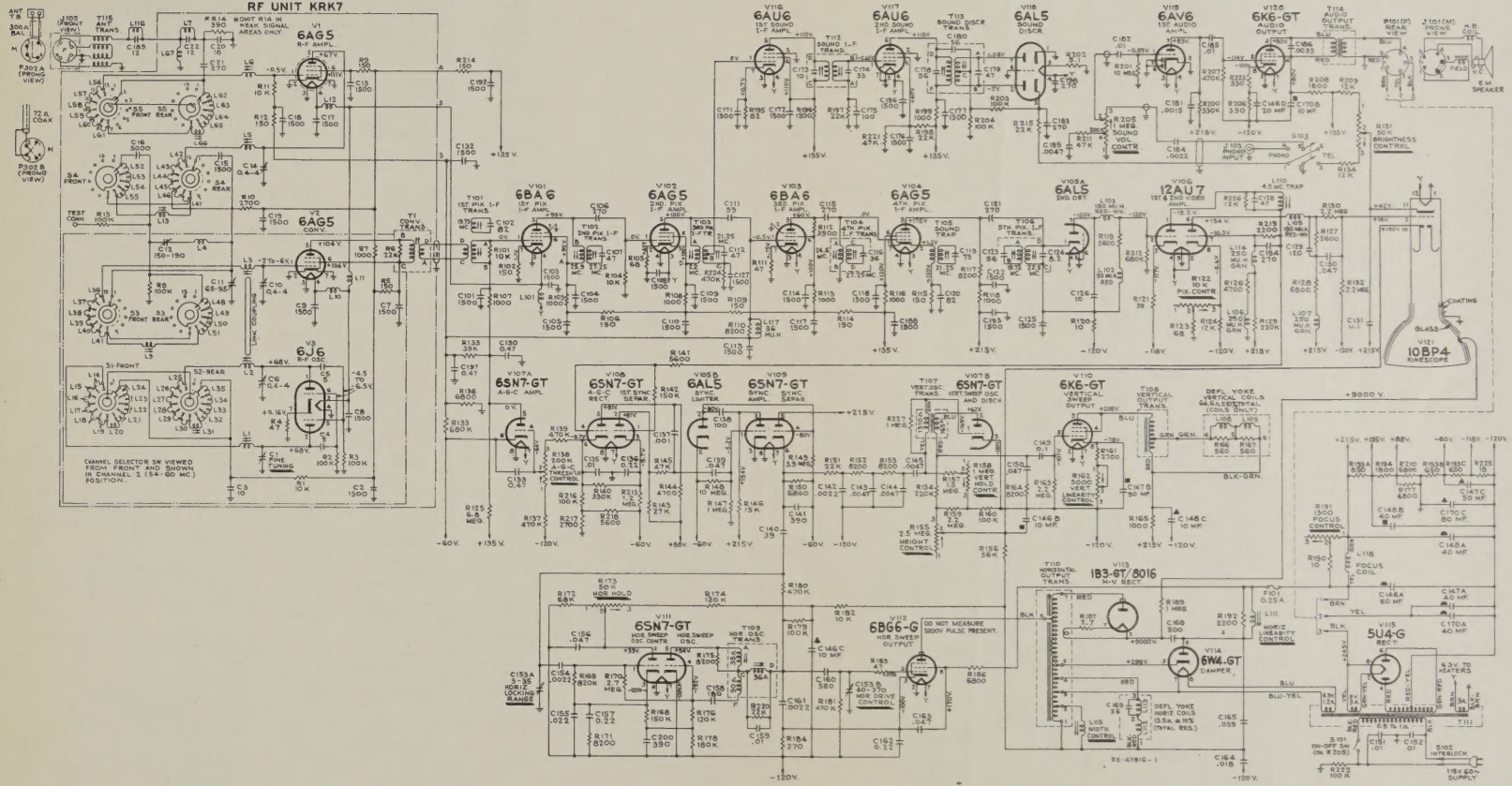
Continued on page 130, column 3


POWER CORD
SPEAKER CABLE
L115 WIDTH
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
KINESCOPE STRAP ADJUSTMENT
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
V113 1B3-GT/8016 HI VOLTAGE RECT.
T110 HORIZONTAL OUTPUT AND HI VOLTAGE TRANS.
F101 FUSE
C168 HI OVOLT CONDENSER
V112 6BG6-G HORIZONTAL OUTPUT
V114 6W4-GT DAMPER
V111 6SN7-GT HOR. OSC. & CONTROL
C146
V107 6SN7-GT AGC AMP & VERT. OSC.
T107 VERT. OSC. TRANS.
V110 6K6-GT VERTICAL OUTPUT
C148
V109 6SN7-GT SYNC. AMP & SEP.
V108 6SN7-GT AGC RECT. & 1ST SYNC SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
V121 10BP4 KINESCOPE
DEFLECTION YOKE
FOCUS COIL
ION TRAP MAGNET
V105 6AL5 PIX DET. & 3 LIM.
T103 1ST I-F TRANS.
V103 6BA6 2ND PIX I-F AMP.
T104 I-F TRANS.
V104 6AG5 1ST PIX I-F AMP
T106 I-F TRANS.
V115 5U4G RECTIFIER
V102 6AG5 2ND PIX I-F AMP.
V116 6AL6 1ST SND. I-F AMP.
T105 SOUND TRAP
C170
T102 I-F TRANS.
T112 I-F TRANS.
S101, R205 OFF-ON, SOUND VOLUME
V120 6K6GT AUDIO OUTPUT
T111 POWER TRANSFORMER
FINE TUNING CONTROL
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V1 6AG5 R-F AMP.
V101 6BA6 1ST PIX I-F AMP.
V117 6AL6 2ND SND. I-F AMP.
T113 DISCRIMINATOR TRANS.
V119 6AV6 1ST AUDIO & AGC CLR.
V3 6J6 R-F OSC.
T101 I-F TRANS.
V118 6AL5 SOUND DISCR.
J102
T115
TO ANTENNA TERMINAL BOARD


POWER CORD
SPEAKER CABLE
L111
HORIZONTAL LINEARITY CONTROL
T109 HORIZONTAL OSCILLATOR TRANSFORMER
C146
V112 6BG6G HORIZ OUTPUT
V111 6SN7-GT HOR OSC & CONT
V114 6W4-GT DAMPER
V110 6K6-GT VERTICAL OUTPUT
C148
C153B AGC THRESHOLD CONTROL
C153A
V108 6SN7-GT AGC RECT 1ST SYNC SEP
V109 6SN7-GT SYNC AMP & SEP
V106 12AU7 VIDEO AMP
L110 4.5MC TRAP
R162 VERTICAL LINEARITY CONTROL
R191 FOCUS CONTROL
R155 HEIGHT CONTROL
V103 6BA6 2ND PIX I-F AMP
T104 4TH PIX I-F TRANS
T103 3RD PIX I-F TRANS
V115 5U4G RECTIFIER
T105 SOUND TRAP
C170
V116 6AU6 1ST SND I-F AMP
T112 SND I-F TRANS
T102 2ND PIX I-F TRANS
V120 6K6-GT AUDIO OUTPUT
C147
V117 6AU6 2ND SND I-F AMP
V101 6BA6 1ST PIX I-F AMP
T113 SND DISC TRANS
V118 6AL5 SOUND DISCR
T101 1ST PIX I-F TRANS
T114
AUDIO OUTPUT TRANS
TO ANTENNA TERMINAL BOARD
T108
VERTICAL OUTPUT TRANSFORMER
T107 VERT OSC TRANS
V107 6SN7-GT AGC AMP & VERT OSC
R173
R158
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R122
R131
R122 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
V121 10BP4 KINESCOPE
S101
R205
S101, R205 OFF-ON SOUND VOLUME
CHANNEL SWITCH
D48654

Model

T100


RF UNIT KRK7
6AG5
R-F AMPL.
6AG5
CONV.
6J6
R-F OSC.
6SN7-GT
A-G-C AMPL.
6SN7-GT
1ST SYNC SEPAR.
6AL5
SYNC LIMITER
6SN7-GT
SYNC AMPL. SEPAR.
6SN7-GT
VERT. SWEEP OSC AND DISCH.
6K6-GT
VERTICAL SWEEP OUTPUT
1B3-GT/8016
H-V RECT.
6SN7-GT
HOR. SWEEP OSC CONTR.
6SN7-GT
HOR. SWEEP OSC.
6BG6-G
HOR. SWEEP OUTPUT
6W4-GT
DAMPER
5U4-G
RECT.
10BP4
KINESCOPE
6AU6
1ST SOUND I-F AMPL.
6AU6
2ND SOUND I-F AMPL.
6AL5
SOUND DISCR.
6AV6
1ST AUDIO AMPL.
6K6-GT
AUDIO OUTPUT
6BA6
1ST PIX I-F AMPL.
6AG5
2ND PIX I-F AMPL.
6BA6
3RD PIX I-F AMPL.
6AG5
4TH PIX I-F AMPL.
6AL5
2ND DET.
12AU7
1ST & 2ND VIDEO AMPL.
6SN7-GT
A-G-C RECT.
6AL5
SYNC LIMITER
6SN7-GT
SYNC AMPL. SEPAR.
6K6-GT
VERTICAL SWEEP OUTPUT
6SN7-GT
HOR. SWEEP OSC CONTR.
6SN7-GT
HOR. SWEEP OSC.
6BG6-G
HOR. SWEEP OUTPUT
6W4-GT
DAMPER
5U4-G
RECT.
10BP4
KINESCOPE
CHANNEL SELECTOR SW VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION.
DO NOT MEASURE 5200V PULSE PRESENT.
+9000 V.
-60V.
+135V.
-120V.
+215V.
+68V.
+6.3V.
+6.5V.
+5.6V.
+6.6V.
+4.5 TO 6.5V.
+180V.
+330V.
+354V.
+292V.
+134V.
+62V.
+14V.
-15V.
-30V.
-100V.
-118V.
-150V.
-180V.
-200V.
-215V.
-220V.
-230V.
-254V.
-280V.
-292V.
-330V.
-354V.
-400V.
-1150V.
-1200V.
-1250V.
-1300V.
-1350V.
-1400V.
-1450V.
-1500V.
-1550V.
-1600V.
-1650V.
-1700V.
-1750V.
-1800V.
-1850V.
-1900V.
-1950V.
-2000V.
-2050V.
-2100V.
-2150V.
-2200V.
-2250V.
-2300V.
-2350V.
-2400V.
-2450V.
-2500V.
-2550V.
-2600V.
-2650V.
-2700V.
-2750V.
-2800V.
-2850V.
-2900V.
-2950V.
-3000V.
-3050V.
-3100V.

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 μμf
C3	53511	Ceramic, 10 μμf
C4	74035	Ceramic, 5 μμf
C5	74035	Ceramic, 8 μμf
C6		See L2
C7	71501	Ceramic, 1500 μμf
C8	71501	Ceramic, 1500 μμf
C9	71501	Ceramic, 1500 μμf
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section 150-190 μμf (C12) and 1 section 65-95 μμf (C11)
C12		See C11
C13	71501	Ceramic, 1500 μμf
C14		See L5
C15	71501	Ceramic, 1500 μμf
C16	73473	Ceramic, 5000 μμf
C17	71501	Ceramic, 1500 μμf
C18	71501	Ceramic, 1500 μμf
C19	71501	Ceramic, 1500 μμf
C20	54207	Ceramic, 18 μμf
C21	73091	Ceramic, 270 μμf, See L6
C22		See L7
C101	71501	Ceramic, 1500 μμf
C102		See T101
C103	71501	Ceramic, 1500 μμf
C104	71501	Ceramic, 1500 μμf
C105	71501	Ceramic, 1500 μμf
C106	73091	Mica, 270 μμf
C107		See T102
C108	71501	Ceramic, 1500 μμf
C109	71501	Ceramic, 1500 μμf
C110	71501	Ceramic, 1500 μμf
C111	74105	Mica, 33 μμf
C112		See T103
C113	71501	Ceramic, 1500 μμf
C114	71501	Ceramic, 1500 μμf
C115	73091	Mica, 270 μμf
C116		See T104
C117	71501	Ceramic, 1500 μμf
C118	71501	Ceramic, 1500 μμf
C119		See T105
C120	64062	Ceramic, 82 μμf
C121	73091	Mica, 270 μμf
C122	71501	Ceramic, 1500 μμf
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 μμf
C126	39604	Mica, 10 μμf
C127	71501	Ceramic, 1500 μμf
C128		See L110
C129	73921	Ceramic, 120 μμf
C130	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 μμf
C133	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 600 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C137	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C138	75060	Mica, 100 μμf
C139	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C140	74726	Mica, 39 μμf
C141	68542	Mica, 390 μμf
C142	73595	Tubular, moulded paper, oil-impregnated, .0022 μf - 600 volts
C143	73920	Tubular, moulded paper, oil-impregnated, .0047 μf - 600 volts
C144	73920	Tubular, moulded paper, oil-impregnated, .0047 μf - 600 volts
C145	73920	Tubular, moulded paper, oil-impregnated, .0047 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 150 volts, and 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts, and 1 section of 10 μf - 450 volts
C149	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C150	73592	Tubular, moulded paper, oil-impregnated, .047 μf - 600 volts
C151	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C152	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C153	74593	Mica, trimmer (Sec. A, B) comprising 3-35 μμf; 40-370 μμf
C154	73595	Tubular, moulded paper, oil-impregnated, .0022 μf - 600 volts
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C156	73592	Tubular, moulded paper, oil-impregnated, .047 μf - 600 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73102	Mica, 180 μμf
C159	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C160	74250	Mica, 560 μμf
C161	73595	Tubular, moulded paper, oil-impregnated, .0022 μf - 600 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C165	74728	Tubular, moulded paper, oil-impregnated, .039 μf - 1000 volts
C166	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C167	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C168	74153	Hi-voltage, 500 μμf - 15,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 80 μf - 200 volts
C171	71501	Ceramic, 1500 μμf
C172	71501	Ceramic, 1500 μμf
C173		See T116
C174		See T112
C175	39396	Ceramic, 100 μμf
C176	71501	Ceramic, 1500 μμf
C177	71501	Ceramic, 1500 μμf
C178		See T113
C179		See T113
C180		See T113
C181	73802	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73922	Ceramic, 270 μμf
C184	73595	Tubular, moulded paper, oil impregnated, .0022 μf - 600 volts
C185	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C186	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C188	71501	Ceramic, 1500 μμf
C189		See L116
C190	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C192	71501	Ceramic, 1500 μμf
C193	71501	Ceramic, 1500 μμf
C194	73922	Ceramic, 270 μμf
C195	73920	Tubular, moulded paper, oil-impregnated, .0047 μf - 600 volts
C196	71501	Ceramic, 1500 μμf
C197	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C198	73922	Ceramic, 270 μμf
C200	68542	Mica, 390 μμf
		FUSES, SOCKETS, CONNECTORS
F101	73600	0.25 amp. fuse, 250 volts
J102		See T115
J103	35787	Phono input connector
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C6, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke
L11	73477	Choke
L12	73477	Choke
L13	73460	Tuner
L14	73468	Front oscillator section stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L32, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form (see form under miscellaneous)
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	IF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Filament choke
L102	71527	Peaking coil
L103	74214	Peaking coil
L104	73154	Filter choke
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	71526	Peaking coil
L108	71420	Deflecting yoke incl. L108, L109, L112, L113, C169, R160, R167
L109		See L108
L110	73577	4.5 mc trap incl. L110, C128
L111	71449	Horizontal linearity control
L112		See L108
L113		See L108
L114	71526	Peaking coil
L115	71429	Width control coil
L116	73476	IF trap incl. L116, C189
L117	74170	Peaking coil incl. L117, R110
L118	74585	Focus coil
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±5%, ½ watt
R112		3900 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R121		39 ohms, ±10%, ½ watt
R122	74047	Brightness and picture control
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6 8 megohms, ±10%, ½ watt
R126		4700 ohms, ±5%, ½ watt
R127		5600 ohms, ±10%, 1 watt
R128		6800 ohms, ±5%, 1 watt
R129		220,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131	74047	Brightness and picture control
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		12,000 ohms, ±10%, ½ watt
R135		39,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		5600 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 megohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		22,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		220,000 ohms, ±10%, ½ watt
R155	71440	Height control
R156		22,000 ohms, ±10%, ½ watt
R157		1.5 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical hold control
R159		2.2 megohms, ±10%, ½ watt
R160		100,000 ohms, ±10%, ½ watt
R161		2700 ohms, ±10%, ½ watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		8200 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		See L108
R167		See L108
R168		150,000 ohms, ±10%, ½ watt
R169		820,000 ohms, ±5%, ½ watt
R170		2.7 megohms, ±5%, 1 watt
R171		8200 ohms, ±10%, ½ watt
R172		68,000 ohms, ±10%, ½ watt
R173	72734	Horizontal and vertical hold control
R174		120,000 ohms, ±10%, ½ watt
R175		8200 ohms, ±5%, ½ watt
R176		120,000 ohms, ±5%, 1 watt
R177		6800 ohms, ±10%, ½ watt
R178		180,000 ohms, ±5%, 1 watt
R179		100,000 ohms, ±10%, 1 watt
R180		470,000 ohms, ±10%, ½ watt
R181		1 megohm, ±10%, ½ watt
R182		15,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		100 ohms, ±10%, 2 watts
R185		270,000 ohms, ±10%, ½ watt
R186		6800 ohms, ±10%, 2 watts
R187	74598	Wire wound, 2.7 ohms, ½
R189		1 megohm, ±20%, 1 watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192		2200 ohms, ±10%, 1 watt
R193	73588	Voltage divider (Sec. A, B, C) comprising 1 section of 850 ohms and 2 sections of 650 ohms - 6 watts
R194		1800 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R197		22,000 ohms, ±10%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	34808	Sound volume control and power switch
R206		330 ohms, ±10%, ½ watt
R207		470,000 ohms, ±20%, ½ watt
R208		1800 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, ½ watt
R210		6800 ohms, ±10%, 2 watts
R211		47,000 ohms, ±10%, ½ watt
R212		680,000 ohms, ±10%, ½ watt
R213		1.2 megohms, ±5%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±20%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, ½ watt
R219		2200 ohms, ±10%, 2 watts
R220		22,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±20%, ½ watt
R222		100,00 ohms, ±20%, 1 watt
R223		330 ohms, ±10%, ½ watt
R224		470,000 ohms, ±10%, ½ watt
R225		18 ohms, ±10%, ½ watt
R226		12,000 ohms, ±10%, ½ watt
		SEGMENTS, SWITCHES
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S101	34808	Sound volume control and power switch
S103	46760	Switch TV phono switch
S104	74147	Width selector switch
		TRANSFORMERS, TRAPS
T1	73448	Converter transformer and R6
T101	74589	First pix IF transformer incl. T101, C103, R101
T102	74590	Second pix IF transformer incl. T102, C107
T103	74591	Third pix IF transformer incl. T103, C112
T104	74592	Fourth pix IF transformer incl. T104, C116
T105	71778	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C173, C174
T107	73569	Vertical oscillator transformer
T108	74587	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74588	Horizontal output and hi-voltage transformer
T111	74586	Power transformer 115 volts - 60 cycle
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	71419	Sound output transformer
T115	73578	Antenna transformer complete with socket incl. T115, J102
		CABLE
W1	73478	IF transmission cable 47½ inch

SECTION II

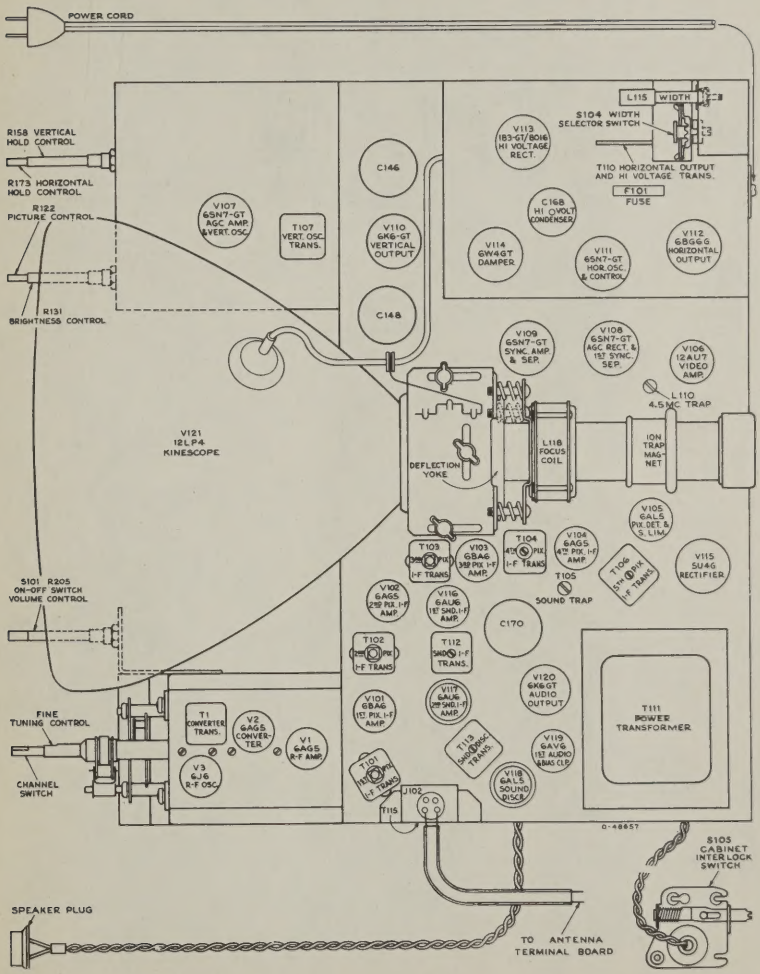
Parts Without Circuit-Symbol Numbers

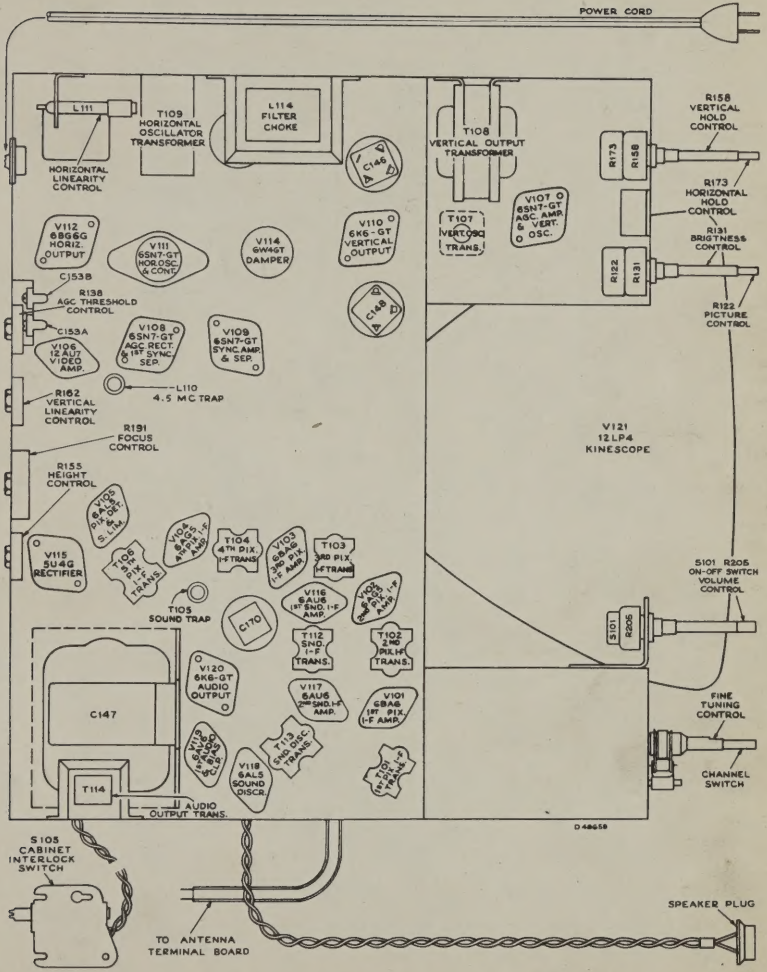
FOR MODELS T120, T121

NOTE: Section II of the parts list for Models TC124, TC125, and TC127 follows Section II of the parts list for Models T120, T121.

Stock No.	Description
	SPEAKER ASSEMBLY 92573-4
73993	Speaker—5" x 7" PM speaker complete with cone and voice coil
	MISCELLANEOUS
74886	Back—Cabinet back
73465	Belt—Drive belt
75069	Board—R-F unit power connection terminal board
75039	Board—"Ant" terminal board
75067	Bracket—Vertical bracket for holding r-f oscillator tube shield
73441	Cam—Fine tuning adjustment
74594	Connector—2-contact male connector for power cable
5119	Connector—3-contact female connector for speaker cable
39153	Connector—4-contact male connector for antenna cable
71789	Connector—Anode connector
71521	Connector—Hi-voltage capacitor connector
71493	Connector—Oscillator segment connector
71457	Cord—Power cord and plug
73455	Core—Sliding core for fine tuning control trimmer
74187	Core—Adjustable core for coil L9
71437	Cover—Insulating cover for electrolytics #71432, 73581 and 73582
74811	Cushion—Rubber cushion for kinescope mounting
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
74891	Cushion—Vinylite cushion for safety glass
74627	Decal—Control panel function decal
73440	Detent—R-F unit detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
73642	Escutcheon—Channel marker escutcheon
74889	Foot—Cabinet foot (felt) (4 required)
71487	Form—Coil form for coil L31
73453	Form—Coil form assembly for L9, L13
74890	Gasket—Cork gasket for safety glass and cabinet
74888	Glass—Safety glass
71799	Grommet—Rubber grommet for yoke horizontal lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74000	Knob—Horizontal hold control or picture control knob (inner)
73994	Knob—Fine tuning knob (outer)
74885	Knob—Channel selector knob (inner)
73998	Knob—Vertical hold control or brightness control knob (outer)
74002	Knob—Sound volume control and power switch knob
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74823	Magnet—Ion trap magnet (PM type)
73587	Nut—Speed nut to mount hi-voltage capacitor
73634	Nut—Speed nut for drive belt shield
74633	Nut—Speed nut for safety glass retainers
18469	Plate—Bakelite mounting plate for electrolytics
73436	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
74887	Retainers—Safety glass retainers (1 set)
73464	Pulley—Idler pulley
70881	Screw—#4-40 x 1/4" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
73640	Screw—#4-40 x 3/8" adjusting screw for L66
71475	Screw—#4-40 x 1/2" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x 1 1/4" adjusting screw for L6
71456	Screw—#8-32 wing screw for deflection yoke
74601	Screw—#8-32 x 3/8" cross recessed binder head screw for focus coil mounting (2 required)
74602	Screw—#10-32 x 1 3/4" cross recessed round head screw for focus coil adjustment (2 required)
74416	Screw—#10-32 x 1 3/4" cross recessed round head screw for kinescope retaining strap
73437	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
73439	Shaft—Actuating shaft for fine tuning control
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tube shield for V1
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
73117	Socket—Tube socket, 7 pin, miniature
72927	Socket—Tube socket, 9 pin, miniature
73450	Socket—Tube socket, ceramic, 7 prong, bottom mounted
74834	Socket—Kinescope socket
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal ceramic, plate mounted
71508	Socket—Tube socket for 8016
74576	Spacer—Insulating spacer for front plate (4 required)

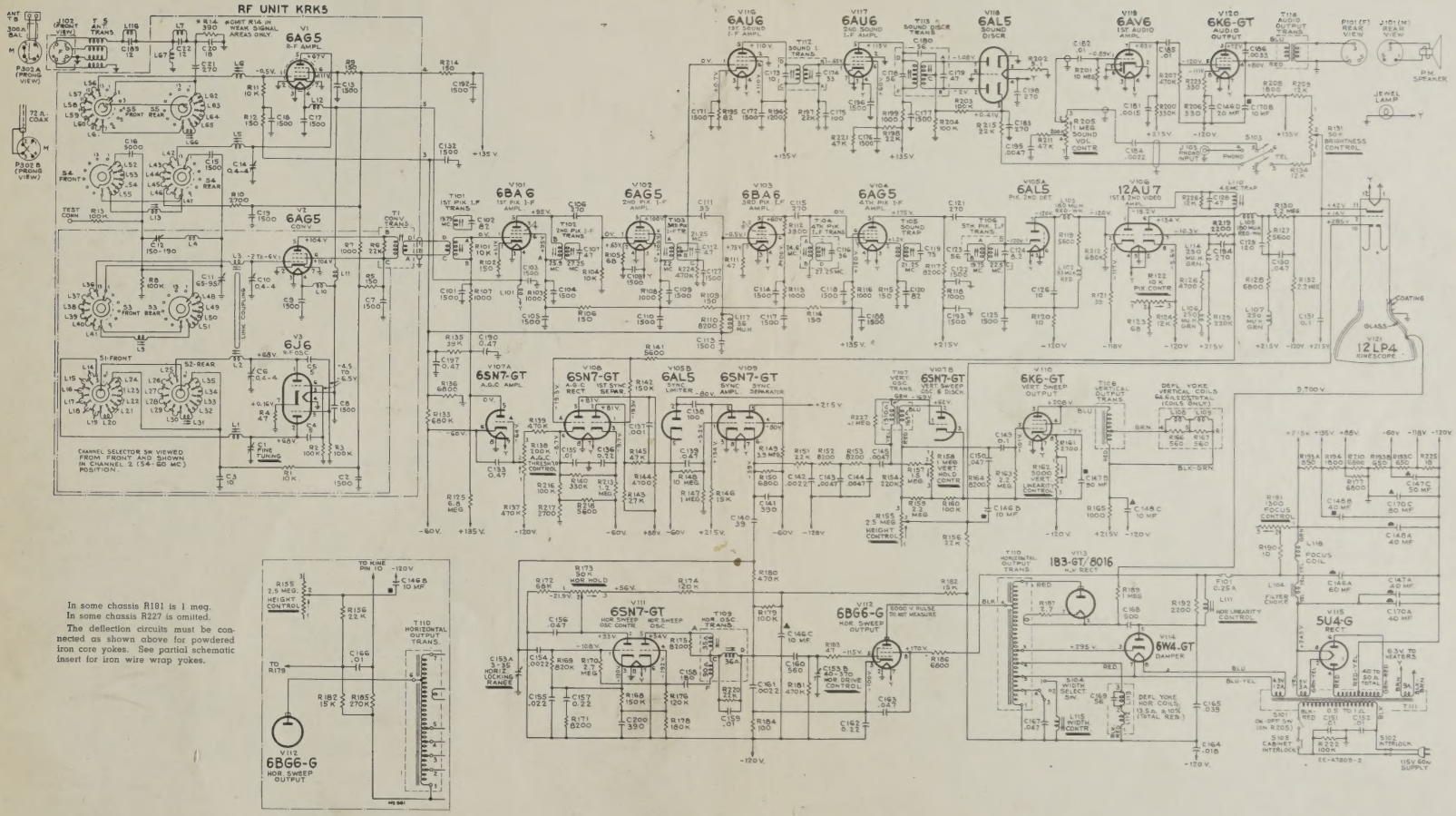
Continued on page 130, column 3


POWER CORD
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R122 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
S101 R205 ON-OFF SWITCH VOLUME CONTROL
FINE TUNING CONTROL
CHANNEL SWITCH
SPEAKER PLUG
V107 6SN7-GT AGC AMP. & VERT. OSC.
T107 VERT. OSC. TRANS.
V110 6K6-GT VERTICAL OUTPUT
V121 12LP4 KINESCOPE
DEFLECTION YOKE
C146
C148
C170
L115 WIDTH
S104 WIDTH SELECTOR SWITCH
V113 1B3-GT/8016 HI VOLTAGE RECT.
T110 HORIZONTAL OUTPUT AND HI VOLTAGE TRANS.
F101 FUSE
C168 HI (3) VOLT CONDENSER
V114 6W4GT DAMPER
V111 6SN7-GT HOR. OSC. & CONTROL
V112 6BG6-G HORIZONTAL OUTPUT
V109 6SN7-GT SYNC. AMP. & SEP.
V108 6SN7-GT AGC RECT. & 1ST SYNC. SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
L118 FOCUS COIL
ION TRAP MAGNET
V105 6AL5 PIX. DET. & S. LIM.
V104 6AG5 4TH PIX. I-F AMP.
T104 4TH PIX. I-F TRANS.
T105 SOUND TRAP
T106 5TH PIX. I-F TRANS.
V115 5U4G RECTIFIER
T103 3RD PIX. I-F TRANS.
V103 6BA6 3RD PIX. I-F AMP.
V102 6AG5 2ND PIX. I-F AMP.
V116 6AL6 1ST SND. I-F AMP.
T102 2ND PIX. I-F TRANS.
T112 SND I-F TRANS.
V117 6AL6 2ND SND. I-F AMP.
V101 6BA6 1ST PIX. I-F AMP.
T113 SND OSC. TRANS.
T101 1ST PIX. I-F TRANS.
V118 6AL5 SOUND DISCR.
V120 6K6-GT AUDIO OUTPUT
V119 6AV6 1ST AUDIO & BIAS CLR.
T111 POWER TRANSFORMER
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V1 6AG5 R-F AMP.
V3 6J6 R-F OSC.
J102
T115
0-48857
S103 CABINET INTERLOCK SWITCH
TO ANTENNA TERMINAL BOARD


POWER CORD
L111
HORIZONTAL LINEARITY CONTROL
T109 HORIZONTAL OSCILLATOR TRANSFORMER
L114 FILTER CHOKE
C146 A
T108 VERTICAL OUTPUT TRANSFORMER
R158 VERTICAL HOLD CONTROL
R173
R158
R173 HORIZONTAL HOLD CONTROL
V107 6SN7-GT AGC. AMP. & VERT. OSC.
T107 VERT. OSC. TRANS.
V112 6BG6G HORIZ. OUTPUT
V111 6SN7-GT HOR. OSC. & CONT.
V114 6W4GT DAMPER
V110 6K6-GT VERTICAL OUTPUT
R131 BRIGHTNESS CONTROL
R122
R131
C153B
R138 AGC THRESHOLD CONTROL
C148 A
R122 PICTURE CONTROL
C153A
V108 6SN7-GT AGC RECT. & 1ST SYNC. SEP.
V109 6SN7-GT SYNC. AMP. & SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
R162 VERTICAL LINEARITY CONTROL
R191 FOCUS CONTROL
V121 12LP4 KINESCOPE
R155 HEIGHT CONTROL
V104 6AG5 1ST PIX. & 2ND SYNC. AMP.
V105 6AG5 2ND PIX. I-F AMP.
T104 4TH PIX. I-F TRANS.
V103 6BA6 3RD PIX. I-F AMP.
T103 3RD PIX. I-F TRANS.
V115 5U4G RECTIFIER
T106 PIX. I-F TRANS.
T105 SOUND TRAP
C170
V116 6AU6 1ST SND. I-F AMP.
V102 6BA6 2ND PIX. I-F AMP.
5101 R205 ON-OFF SWITCH VOLUME CONTROL
S101
R205
T112 SND. I-F TRANS.
T102 2ND PIX. I-F TRANS.
V120 6K6-GT AUDIO OUTPUT
C147
V117 6AU6 2ND SND. I-F AMP.
V101 6BA6 1ST PIX. I-F AMP.
FINE TUNING CONTROL
CHANNEL SWITCH
V119 6AL5 RATIO DET. & S. CLIP.
T113 SND. DISC. TRANS.
V118 6AL5 SOUND DISCR.
T101 1ST PIX. I-F TRANS.
T114
AUDIO OUTPUT TRANS.
D 48658
S105 CABINET INTERLOCK SWITCH
SPEAKER PLUG
TO ANTENNA TERMINAL BOARD

Model

T120
T121
TC124
TC125
TC127



In some chassis R181 is 1 meg.
In some chassis R227 is omitted.

The deflection circuits must be connected as shown above for powdered iron core yokes. See partial schematic insert for iron wire wrap yokes.

Chassis Number

KCS 34B
KCS 34C

SECTION I

Parts With Circuit-Symbol Numbers

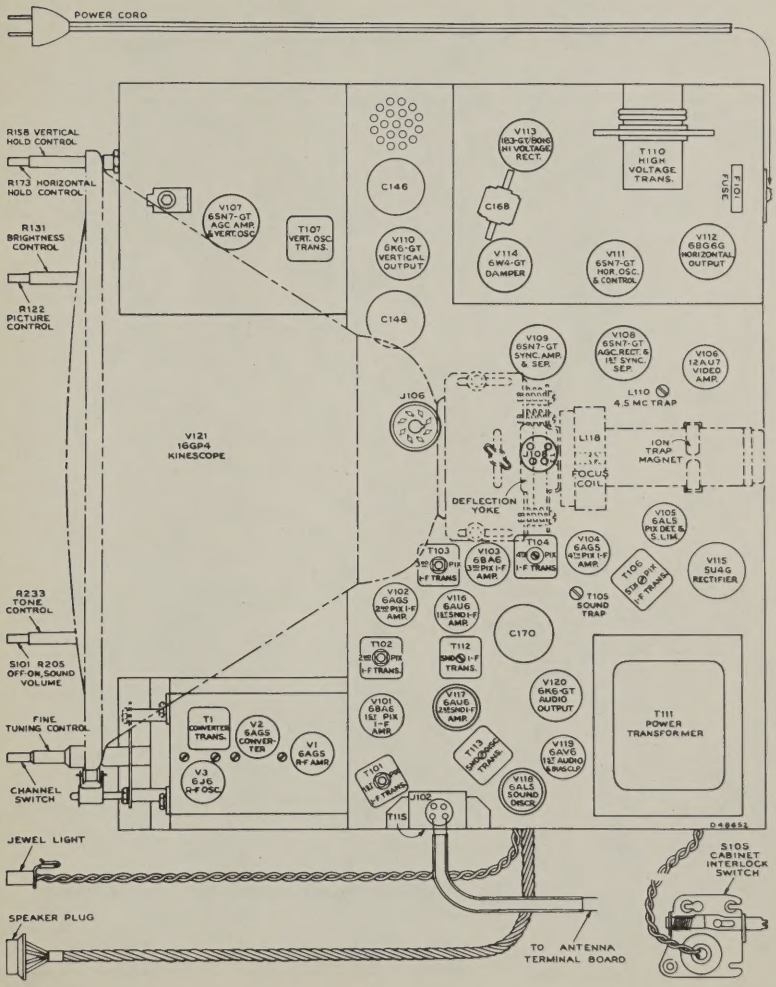
Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 $\mu\mu$f
C3	53511	Ceramic, 10 $\mu\mu$f
C4	74035	Ceramic, 5 $\mu\mu$f
C5	74035	Ceramic, 5 $\mu\mu$f
C6		See L2
C7	71501	Ceramic, 1500 $\mu\mu$f
C8	71501	Ceramic, 1500 $\mu\mu$f
C9	71501	Ceramic, 1500 $\mu\mu$f
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section 150-190 $\mu\mu$f (C12), and 1 section 65-95 $\mu\mu$f (C11)
C12		See C11
C13	71501	Ceramic, 1500 $\mu\mu$f
C14		See L5
C15	71501	Ceramic, 1500 $\mu\mu$f
C16	73473	Ceramic, 5000 $\mu\mu$f
C17	71501	Ceramic, 1500 $\mu\mu$f
C18	71501	Ceramic, 1500 $\mu\mu$f
C19	71501	Ceramic, 1500 $\mu\mu$f
C20	54207	Ceramic, 18 $\mu\mu$f
C21	73091	Ceramic, 270 $\mu\mu$f, *see L6*
C22		See L7
C101	71501	Ceramic, 1500 $\mu\mu$f
C102		See T101
C103	71501	Ceramic, 1500 $\mu\mu$f
C104	71501	Ceramic, 1500 $\mu\mu$f
C105	71501	Ceramic, 1500 $\mu\mu$f
C106	73091	Mica, 270 $\mu\mu$f
C107		See T102
C108	71501	Ceramic, 1500 $\mu\mu$f
C109	71501	Ceramic, 1500 $\mu\mu$f
C110	71501	Ceramic, 1500 $\mu\mu$f
C111	74105	Mica, 33 $\mu\mu$f
C112		See T103
C113	71501	Ceramic, 1500 $\mu\mu$f
C114	71501	Ceramic, 1500 $\mu\mu$f
C115	73091	Mica, 270 $\mu\mu$f
C116		See T104
C117	71501	Ceramic, 1500 $\mu\mu$f
C118	71501	Ceramic, 1500 $\mu\mu$f
C119		See T105
C120	64062	Ceramic, 82 $\mu\mu$f
C121	73091	Mica, 270 $\mu\mu$f
C122	71501	Ceramic, 1500 $\mu\mu$f
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 $\mu\mu$f
C126	39604	Mica, 10 $\mu\mu$f
C127	71501	Ceramic, 1500 $\mu\mu$f
C128		See L110
C129	73921	Ceramic, 120 $\mu\mu$f
C130	73353	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 $\mu\mu$f
C133	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C134	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C137	73801	Tubular, unmolded paper, oil-impregnated, .001 μf - 1000 volts
C138	75060	Mica, 100 $\mu\mu$f
C139	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C140	73090	Mica, 82 $\mu\mu$f
C141	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C142	73595	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C143	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C144	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C145	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 150 volts, and 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts and 1 section of 10 μf - 450 volts
C149	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C150	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C151	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C152	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C153	74946	Mica, trimmer (Sec. A, B) comprising 4-70 $\mu\mu$f and 10-160 $\mu\mu$f
C154	73090	Mica, 82 $\mu\mu$f
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C156	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C157	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C158	73102	Mica, 180 $\mu\mu$f
C159	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C160	74250	Mica, 560 $\mu\mu$f
C161	73801	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C165	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C166	28417	Electrolytic, 5 μf - 450 volts
C167	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C168	74947	Ceramic, 500 $\mu\mu$f, 20,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 80 μf - 200 volts
C171	71501	Ceramic, 1500 $\mu\mu$f
C172	71501	Ceramic, 1500 $\mu\mu$f
C173		See T112
C174		See T112
C175	39396	Ceramic, 100 $\mu\mu$f
C176	71501	Ceramic, 1500 $\mu\mu$f
C177	71501	Ceramic, 1500 $\mu\mu$f
C178		See T113
C179		See T113
C180		See T113
C181	39644	Mica, 470 $\mu\mu$f
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73922	Ceramic, 270 $\mu\mu$f
C184	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C185	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C186	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C187		See L108
C188	71501	Ceramic, 1500 $\mu\mu$f
C189		See L116
C190	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C191	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C192	71501	Ceramic, 1500 $\mu\mu$f
C193	71501	Ceramic, 1500 $\mu\mu$f
C194	73922	Ceramic, 270 $\mu\mu$f
C195	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C196	71501	Ceramic, 1500 $\mu\mu$f
C197	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C198	73922	Ceramic, 270 $\mu\mu$f
C199	73802	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C202	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
		FUSES, SOCKETS, CONNECTORS
F101	73600	0.25 amps fuse 250 volts
J101	5039	4-contact male connector for speaker
J102		See T115
J103	35787	Output jack
J106	60942	8-contact female connector for deflecting yoke
J108	31027	4-contact female connector for focus coil
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C6, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke
L11	73477	Choke
L12	73477	Choke
L13	73460	Tuner
L14	73468	Front oscillator section stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L32, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form for L31, see form under miscellaneous
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	RF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Filament choke coil
L102	71527	Peaking coil
L103	74214	Peaking coil
L104	73154	Filter choke
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	75252	Peaking coil
L108	74952	Deflecting yoke incl. L108, L109, L112, L113, C169, C187, P106
L109		See L108
L110	73577	4.5 mc trap incl. L110, C128
L111	71449	Horizontal linearity control
L112		See L108
L113		See L108
L114	71526	Peaking coil
L116	73476	IF trap incl. L116, C189
L117	74170	Peaking coil incl. L117, R110
L118	74983	Focus coil and plug incl. L118, P108
		PLUGS, CONNECTORS
P101	5040	4-contact female connector for speaker cable
P102	39153	4-contact male connector for antenna cable
P106	35383	8-contact male connector part of deflecting yoke, see L108
P108	30568	4-contact male connector part of focus coil, see L118
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±5%, ½ watt
R112		3900 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R121		220 ohms, ±10%, ½ watt
R122	74047	Brightness and picture control
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6.8 megohms, ±10%, ½ watt
R126		5100 ohms, ±5%, ½ watt
R127		5600 ohms, ±10%, ½ watt
R128		8200 ohms, ±5%, 1 watt
R129		150,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131	74047	Brightness and picture control
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		22,000 ohms, ±10%, ½ watt
R135		39,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		10,000 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 megohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		27,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		470 ohms, ±10%, ½ watt
R155	71440	Height control
R156		220,000 ohms, ±10%, ½ watt
R157		1.2 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical hold control
R159		3.3 megohms, ±5%, ½ watt
R160		1200 ohms, ±10%, 1 watt
R161		1500 ohms, ±10%, ½ watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		12,000 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		220,000 ohms, ±10%, ½ watt
R167		5600 ohms, ±10%, 1 watt
R168		82,000 ohms, ±10%, 1 watt
R169		820,000 ohms, ±10%, ½ watt
R170		330,000 ohms, ±10%, ½ watt
R171		3900 ohms, ±10%, ½ watt
R172		120,000 ohms, ±10%, 1 watt
R173	72734	Horizontal and vertical hold control
R174		100,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		150,000 ohms, ±5%, 1 watt
R177		6800 ohms, ±10%, 2 watts
R178		330,000 ohms, ±5%, 1 watt
R179		82,000 ohms, ±5%, 1 watt
R180		150,000 ohms, ±10%, ½ watt
R181		1 megohm, ±10%, ½ watt
R182		10,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		100 ohms, ±10%, 2 watts
R185		150,000 ohms, ±10%, ½ watt
R186		12,000 ohms, ±10%, 1 watt
R187		150,000 ohms, ±10%, ½ watt
R188		470,000 ohms, ±10%, ½ watt
R189		1 megohm, ±20%, ½ watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192	74945	Width control
R193	74955	Voltage divider (Sec. A, B, C) comprising 1 section of 1200 ohms - 16 watts, and 2 sections of 700 ohms - 5½ watts
R194		1800 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R197		22,000 ohms, ±10%, ½ watt
R198		22,000 ohms, ±20%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	74048	Volume control, tone control, and power switch
R206		1200 ohms, ±10%, 1 watt
R207		470,000 ohms, ±20%, ½ watt
R208		2700 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, ½ watt
R210		6800 ohms, ±10%, 2 watts
R211		100,000 ohms, ±10%, ½ watt
R212		680,000 ohms, ±10%, ½ watt
R213		1.2 megohms, ±5%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±20%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, ½ watt
R219		2200 ohms, ±10%, ½ watt
R220		10,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±20%, ½ watt
R222		100,000 ohms, ±20%, 2 watts
R223		150 ohms, ±10%, ½ watt
R224		470,000 ohms, ±20%, ½ watt
R225		10 ohms, ±10%, ½ watt
R233	74048	Volume control, tone control, and power switch
R235		15,000 ohms, ±10%, ½ watt
		SEGMENTS, SOCKETS, SWITCHES
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S101	74048	Volume control, tone control, and power switch
S103	46760	TV phono switch
S105	74157	Cabinet interlock switch
		TRANSFORMERS, TRAP
T1	73448	Converter transformer and R6
T101	74589	First pix IF transformer incl. T101, C102, R101
T102	74590	Second pix IF transformer incl. T102, C107
T103	74591	Third pix IF transformer incl. T103, C112
T104	74592	Fourth pix IF transformer incl. T104, C116
T105	71778	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C123, C124
T107	73569	Vertical oscillator transformer
T108	74950	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74951	High voltage transformer
T111	74949	Power transformer 115 volts - 60 cycles
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	75034	Output transformer
T115	73578	Antenna transformer complete with socket incl. T115, J102
		CABLE
W1	73478	IF transmission cable 47/8 inch

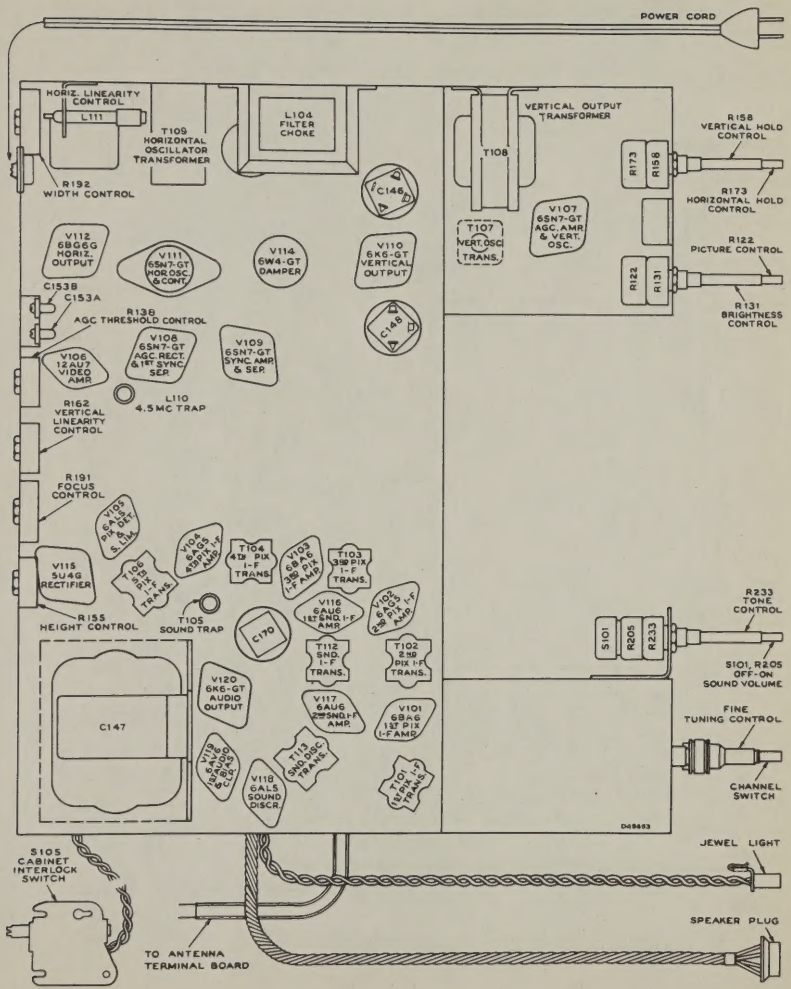
SECTION II

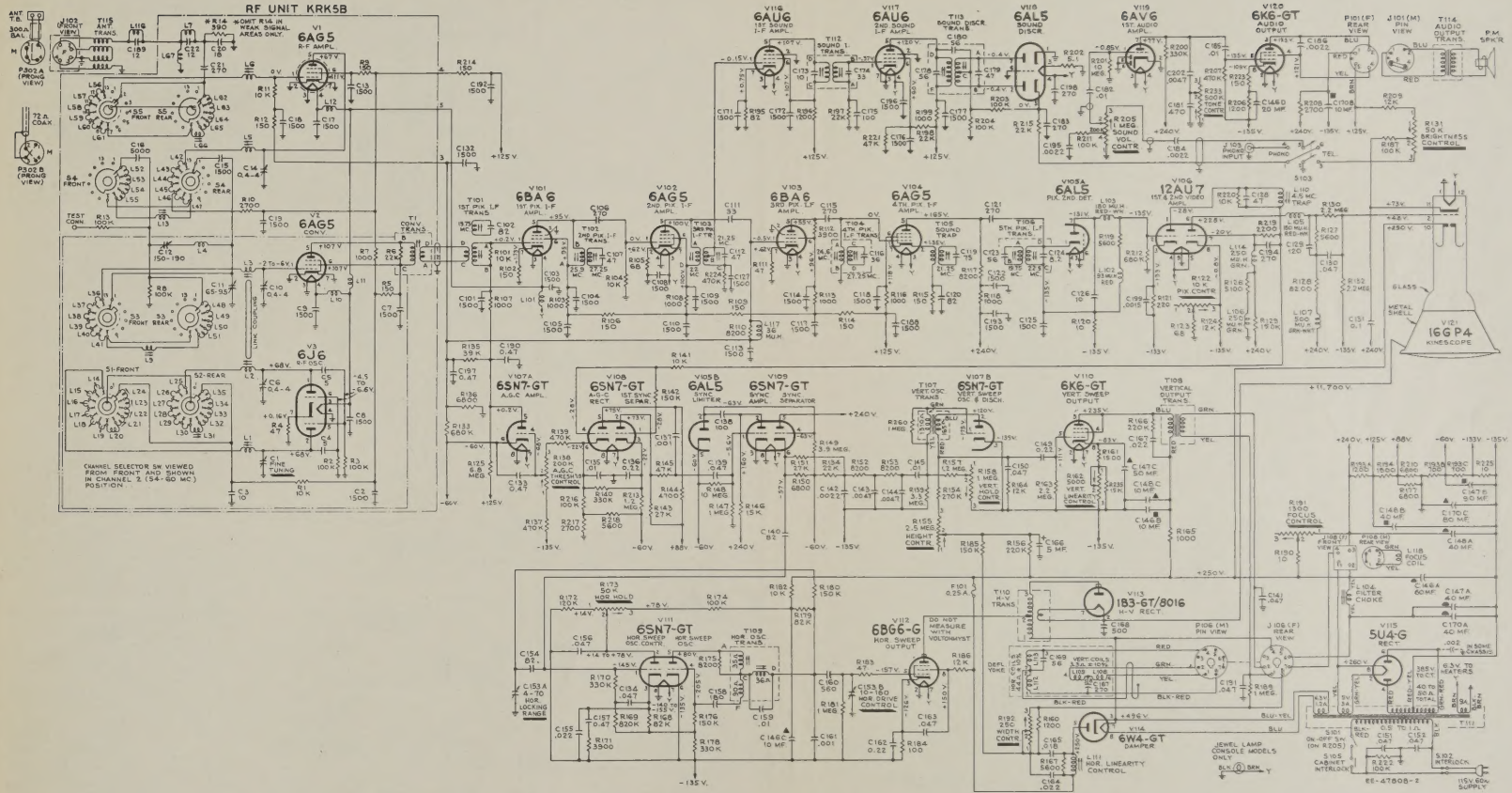
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY FOR MODEL T164
	92580-3 W
	RL105C5
75023	Cap—Dust cap
75024	Cone—Cone and voice coil assembly
5039	Connector—4 contact male connector for speaker (J101)
75025	Gasket—Speaker cone gasket
75022	Speaker—8" P.M. speaker complete with cone and voice coil (3.2 ohms) less output transformer and connector
75034	Transformer—Output transformer (T114)
	SPEAKER ASSEMBLY FOR MODELS TC165, TC166, TC167, TC168
	Stamped 92569-10W
	RL 111-16
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
75035	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and plug
75036	Transformer—Output transformer
	NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
74958	Back—Cabinet back for Model T164
75019	Back—Cabinet back for Model TC165
75026	Back—Cabinet back for Model TC166
74972	Back—Cabinet back for Model TC167
75020	Back—Cabinet back for Model TC168
73465	Belt—Drive belt
72857	Board—"Ant" terminal board
75069	Board—R-F unit power connection terminal board
71599	Bracket—Pilot lamp bracket for Models TC165, TC166, TC167, TC168
75067	Bracket—Vertical bracket for holding r-f oscillator tube shield
73441	Cam—Fine tuning adjustment
13103	Cap—Pilot lamp cap for Models TC165, TC166, TC167, TC168
71892	Catch—Bullet catch and strike for doors (1 set) (4 required for Model TC167 and 2 required for Model TC168)
X1917	Cloth—Grille cloth for mahogany or walnut instruments for Model T164
X1918	Cloth—Grille cloth for oak instruments for Model T164
X3074	Cloth—Grille cloth for mahogany or walnut instruments for Models TC165, and TC168, and maple instruments for Model TC168
X3089	Cloth—Grille cloth for oak instruments for Model TC165
X3088	Cloth—Grille cloth for mahogany or walnut instruments for Model TC167
X3101	Cloth—Grille cloth for mahogany and walnut instruments for Model TC166
X3090	Cloth—Grille cloth for oak instruments for models TC166 and TC167
74967	Connector—Anode connector
74594	Connector—Male connector for power cable
71493	Connector—Oscillator segment connector
71457	Cord—Power cord and plug
73455	Core—Sliding core for fine tuning control
74187	Core—Adjustable core for coil L9
71437	Cover—Insulating cover for electrolytics #71432, 73581 and 73582
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
74607	Decal—Control panel function decal for mahogany or walnut instruments
74608	Decal—Control panel function decal for oak or maple instruments
71984	Decal—Trade mark decal (RCA Victor) for Model T164
71768	Decal—Trade mark decal (RCA Victor) for Models TC167 and TC168
73440	Detent—R-F unit detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem

Continued on page 130, column 6


POWER CORD
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
R233 TONE CONTROL
S101 R205 OFF-ON SOUND VOLUME
FINE TUNING CONTROL
CHANNEL SWITCH
JEWEL LIGHT
SPEAKER PLUG
V107 6SN7-GT AGC AMP. & VERT. OSC.
T107 VERT. OSC. TRANS.
V110 6K6-GT VERTICAL OUTPUT
C146
C148
V113 1B3-GT/8DHC HI VOLTAGE RECT.
C168
V114 6W4-GT DAMPER
T110 HIGH VOLTAGE TRANS.
F101 FUSE
V111 6SN7-GT HOR. OSC. & CONTROL
V112 6BG6G HORIZONTAL OUTPUT
V109 6SN7-GT SYNC. AMP. & SEP.
V108 6SN7-GT AGC. RECT. & 1ST SYNC. SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
J106
V121 16GP4 KINESCOPE
L118
ION TRAP MAGNET
FOCUS COIL
DEFLECTION YOKE
V105 6AL5 PIX DET. & S. LIM.
T103 PIX I-F TRANS.
V102 6BA6 3RD PIX I-F AMP.
T104 PIX I-F TRANS.
V104 6AG5 2ND PIX I-F AMP.
T106 SND I-F TRANS.
V115 5U4G RECTIFIER
T105 SOUND TRAP
V102 6AG5 2ND PIX I-F AMP.
V116 6AU6 1ST SND I-F AMP.
C170
T102 PIX I-F TRANS.
T112 SND I-F TRANS.
V120 6K6-GT AUDIO OUTPUT
T111 POWER TRANSFORMER
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V1 6AG5 R-F AMP.
V3 6J6 R-F OSC.
V101 6BA6 1ST PIX I-F AMP.
V117 6AU6 2ND SND I-F AMP.
T113 DISCRIMINATOR TRANS.
V119 6AV6 1ST AUDIO & BIAS CLIP
T101 1ST I-F TRANS.
V118 6AL5 SOUND DISCR.
J102
T115
D48652
S105 CABINET INTERLOCK SWITCH
TO ANTENNA TERMINAL BOARD


POWER CORD
HORIZ. LINEARITY CONTROL
L111
T109 HORIZONTAL OSCILLATOR TRANSFORMER
R192 WIDTH CONTROL
L104 FILTER CHOKE
C146
T108
VERTICAL OUTPUT TRANSFORMER
R158 VERTICAL HOLD CONTROL
R173
R158
R173 HORIZONTAL HOLD CONTROL
R122
R131
R122 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
V112 6BQ6G HORIZ. OUTPUT
V111 6SN7-GT HOR. OSC. & CONT.
V114 6W4-GT DAMPER
V110 6K6-GT VERTICAL OUTPUT
T107 VERT. OSC. TRANS.
V107 6SN7-GT AGC, AMP. & VERT. OSC.
C153B
C153A
R138 AGC THRESHOLD CONTROL
C148
V106 12AU7 VIDEO AMP.
V108 6SN7-GT AGC RECT. & 1ST SYNC SEP.
V109 6SN7-GT SYNC. AMP. & SEP.
L110 4.5MC TRAP
R162 VERTICAL LINEARITY CONTROL
R191 FOCUS CONTROL
V115 5U4G RECTIFIER
R155 HEIGHT CONTROL
T105 SOUND TRAP
C170
V116 6AU6 1ST SND. I-F AMP.
V105 6CB6 2ND PIX I-F AMP.
T102 2ND PIX I-F TRANS.
T112 SND. I-F TRANS.
V117 6AU6 2ND SND. I-F AMP.
V101 6BA6 1ST PIX I-F AMP.
T101 1ST PIX I-F TRANS.
V120 6K6-GT AUDIO OUTPUT
C147
V119 6AV6 AUDIO DET. & 1ST AUDIO
T113 SND. DISC. TRANS.
V118 6AL5 SOUND DISCR.
S101
R205
R233
R233 TONE CONTROL
S101, R205 OFF-ON SOUND VOLUME
FINE TUNING CONTROL
CHANNEL SWITCH
D48693
S105 CABINET INTERLOCK SWITCH
JEWEL LIGHT
SPEAKER PLUG
TO ANTENNA TERMINAL BOARD



In some receivers, C141 was omitted. In some receivers, R206 and R223 were 820 ohms.
In some receivers, R220 was 12K.

In some receivers, R121 was 39, R225 was 18, R128 was 6,800, R129 was 220K, L107 was 250 Muh and C199 was omitted.

In some receivers, R161 was 1,000 and R235 was omitted.
In some receivers, R160 and R167 were omitted.

In some receivers, R260 was 470K.
In some receivers, R187 was 150K and V121-10 was connected to arm (2) of height control R155. R188 (470K) was used between V121-11 and +125 v.
In some receivers, C151 and C152 were .01 mfd.

Model
T164
TC165
TC166
TC167
TC168

Chassis Number
KCS 40
KCS 40 A

SECTION I

Parts With Circuit-Symbol Numbers

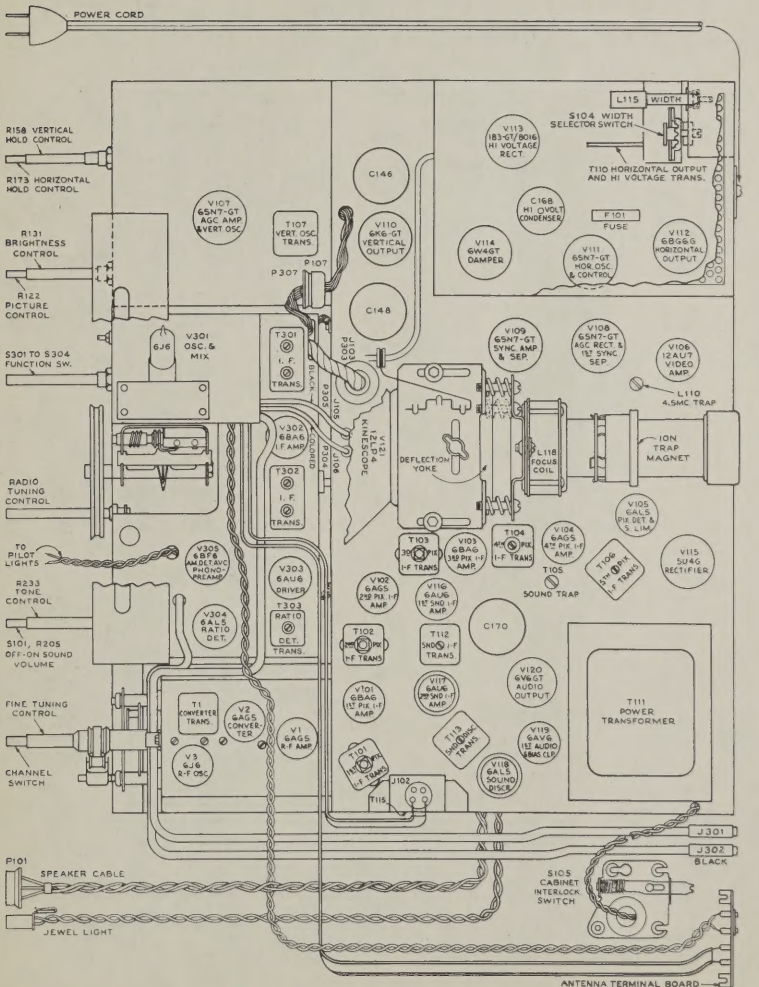
Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 μμf
C3	53511	Ceramic, 10 μμf
C4	74035	Ceramic, 3 μμf
C5	74035	Ceramic, 5 μμf
C6		See L2
C7	71501	Ceramic, 1500 μμf
C8	71501	Ceramic, 1500 μμf
C9	71501	Ceramic, 1500 μμf
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section 150-190 μμf (C12) and 1 section 65-95 μμf (C11)
C12		See C11
C13	71501	Ceramic, 1500 μμf
C14		See L5
C15	71501	Ceramic, 1500 μμf
C16	73473	Ceramic, 5000 μμf
C17	71501	Ceramic, 1500 μμf
C18	71501	Ceramic, 1500 μμf
C19	71501	Ceramic, 1500 μμf
C20	54207	Ceramic, 18 μμf
C21	73091	Ceramic, 270 μμf, See L6
C22		See L7
C101	71501	Ceramic, 1500 μμf
C102		See T101
C103	71501	Ceramic, 1500 μμf
C104	71501	Ceramic, 1500 μμf
C105	71501	Ceramic, 1500 μμf
C106	73091	Mica, 270 μμf
C107		See T102
C108	71501	Ceramic, 1500 μμf
C109	71501	Ceramic, 1500 μμf
C110	71501	Ceramic, 1500 μμf
C111	74105	Mica, 33 μμf
C112		See:T103
C113	71501	Ceramic, 1500 μμf
C114	71501	Ceramic, 1500 μμf
C115	73091	Mica, 270 μμf
C116		See T104
C117	71501	Ceramic, 1500 μμf
C118	71501	Ceramic, 1500 μμf
C119		See T105
C120	64062	Ceramic, 82 μμf
C121	73091	Mica, 270 μμf
C122	71501	Ceramic, 1500 μμf
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 μμf
C126	72615	Mica, 10 μμf
C127	71501	Ceramic, 1500 μμf
C128		See L110
C129	73921	Ceramic, 120 μμf
C130	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 μμf
C133	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C137	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C138	75060	Mica, 100 μμf
C139	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C140	74726	Mica, 39 μμf
C141	68542	Mica, 390 μμf
C142	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C143	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C144	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C145	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 150 volts, and 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts, and 1 section of 10 μf - 450 volts
C149	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73565	Tubular, moulded paper, .01 μf - 1000 volts
C152	73565	Tubular, moulded paper, .01 μf - 1000 volts
C153	74593	Mica, trimmer (Sec. A, B) comprising 3-35 μμf and 40-370 μμf
C154	73803	Tubular, moulded paper, .0022 μf - 600 volts
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C156	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C158	73102	Mica, 180 μμf
C159	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C160	74250	Mica, 560 μμf
C161	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C165	74728	Tubular, moulded paper, oil-impregnated, .039 μf - 1000 volts
C166	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C167	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C168	74153	Ceramic, 500 μμf - 15,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 1 section of 80 μf - 200 volts
C171	71501	Ceramic, 1500 μμf
C172	71501	Ceramic, 1500 μμf
C173		See T112
C174		See T113
C175	39396	Ceramic, 100 μμf
C176	71501	Ceramic, 1500 μμf
C177	71501	Ceramic, 1500 μμf
C178		See T113
C179		See T113
C180		See T113
C181	39630	Mica, 120 μμf
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73922	Ceramic, 270 μμf
C184	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C185	73565	Tubular, moulded paper, .01 μf - 1000 volts
C186	73802	Tubular, paper, oil-impregnated, .0015 μf - 1000 volts
C188	71501	Ceramic, 1500 μμf
C189		See L116
C190	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C192	71501	Ceramic, 1500 μμf
C193	71501	Ceramic, 1500 μμf
C194	73922	Ceramic, 270 μμf
C195	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C196	71501	Ceramic, 1500 μμf
C197	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C198	73922	Ceramic, 270 μμf
C200	68542	Mica, 390 μμf
C201	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C202	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C203	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C204	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
		FUSES, CONNECTORS
F101	73600	0.25 amp fuse, 250 volts
J101	5039	4 prong male connector
J102		See T115
J103	72108	7-contact female connector
J105	33514	2-contact female receptacle for audio cable and switching cable
J106	33514	2-contact female receptacle for phono cable and switching cable
J108	72172	3-contact female connector for changers cable
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C6, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke
L11	73477	Choke
L12	73477	Choke
L13	73460	Tuner
L14	73468	Front oscillator section stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L32, L33 L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form (see form under miscellaneous)
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	RF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Filament choke
L102	71527	Peaking coil
L103	74214	Peaking coil
L104	73154	Filter choke
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	71526	Peaking coil
L108	74262	Deflecting yoke incl. L108, L109, L112, L113, C169, R166, R167
L109		See L108
L110	73577	4.5 mc trap incl. L110, C128
L111	71449	Horizontal linearity control
L112		See L108
L113		See L108
L114	71526	Peaking coil
L115	71429	Width control
L116	73476	IF trap incl. L116, C189
L117	74170	Peaking coil incl. L117, R110
L118	74585	Focus coil
		CONNECTORS
P101	5040	4-contact female connector for speaker cable
P107	14786	5-contact male connector
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±10%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±5%, ½ watt
R112		3900 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R122	74047	Picture and brightness control
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6.8 megohms, ±10%, ½ watt
R126		4700 ohms, ±5%, ½ watt
R127		5600 ohms, ±10%, 1 watt
R128		6800 ohms, ±5%, 1 watt
R129		220,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131	74047	Picture and brightness control
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		12,000 ohms, ±10%, ½ watt
R135		39,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		5600 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 megohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		22,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		220,000 ohms, ±10%, ½ watt
R155	71440	Height control
R156		22,000 ohms, ±10%, ½ watt
R157		1.5 megohms, ±5%, ½ watt
R158	72734	Horizontal hold and vertical hold control
R159		2.2 megohms, ±10%, ½ watt
R160		100,000 ohms, ±10%, ½ watt
R161		2700 ohms, ±10%, ½ watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		8200 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		See L108
R167		22,000 ohms, ±10%, ½ watt
		See L108
R168		150,000 ohms, ±10%, ½ watt
R169		820,000 ohms, ±5%, ½ watt
R170		2.7 megohms, ±5%, 1 watt
R171		8200 ohms, ±10%, ½ watt
R172		68,000 ohms, ±10%, ½ watt
R173	72734	Horizontal hold and vertical hold control
R174		120,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		120,000 ohms, ±5%, 1 watt
R177		6800 ohms, ±10%, 2 watts
R178		180,000 ohms, ±5%, 1 watt
R179		100,000 ohms, ±10%, 1 watt
R180		470,000 ohms, ±10%, ½ watt
R182		15,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		100 ohms, ±10%, 2 watts
R185		270,000 ohms, ±10%, ½ watt
R186		6800 ohms, ±10%, 2 watts
R187	74598	Wire wound, 2.7 ohms, ½ watt
R189		1 megohm, ±20%, 1 watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192		2200 ohms, ±10%, 1 watt
R193	73588	Voltage divider (Sec. A, B, C) comprising 1 section of 850 ohms - 12 watts, and 2 sections of 650 ohms - 6 watts
R194		1800 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R198		22,000 ohms, ±20%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	74359	Tone control, volume control, and power switch
R206		270 ohms, ±10%, 1 watt
R207		470,000 ohms, ±20%, ½ watt
R208		1800 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, ½ watt
R210		6800 ohms, ±10%, 2 watts
R211		15,000 ohms, ±10%, ½ watt
R212		680,000 ohms, ±10%, ½ watt
R213		1.2 megohms, ±5%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±20%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, ½ watt
R219		2200 ohms, ±10%, ½ watt
R220		22,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±20%, ½ watt
R222		100,000 ohms, ±20%, 1 watt
R223		220 ohms, ±10%, 1 watt
R224		470,000 ohms, ±10%, ½ watt
R225		18 ohms, ±10%, ½ watt
R226		12,000 ohms, ±10%, ½ watt
R230	74049	Wire wound, 500 ohms, 20 watts
R231		820,000 ohms, ±10%, ½ watt
R232		180,000 ohms, ±10%, ½ watt
R233	74359	Tone control, volume control, and power switch
R234		27,000 ohms, ±10%, ½ watt
		SEGMENTS, SWITCHES
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S101	74359	Tone control, volume control, and power switch
S104	74147	Width selector switch
S105	74157	Cabinet interlock switch
		TRANSFORMERS, TRAPS
T1	73448	Converter transformer and R6
T101	74589	First pix IF transformer incl. T101, C102, R101
T102	74590	Second pix IF transformer incl. T102, C107
T103	74591	Third pix IF transformer incl. T103, C112
T104	74592	Fourth pix IF transformer incl. T104, C116
T105	71778	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C123, C124
T107	73569	Vertical oscillator transformer
T108	74587	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74588	Horizontal output and hi-voltage transformer
T111	74981	Power transformer 115 volt - 60 cycles
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	74902	Output transformer
T115	73578	Antenna transformer complete with socket and bracket incl. T115, J102
		CABLE
W1	73478	IF transmission cable 47⅛ inch

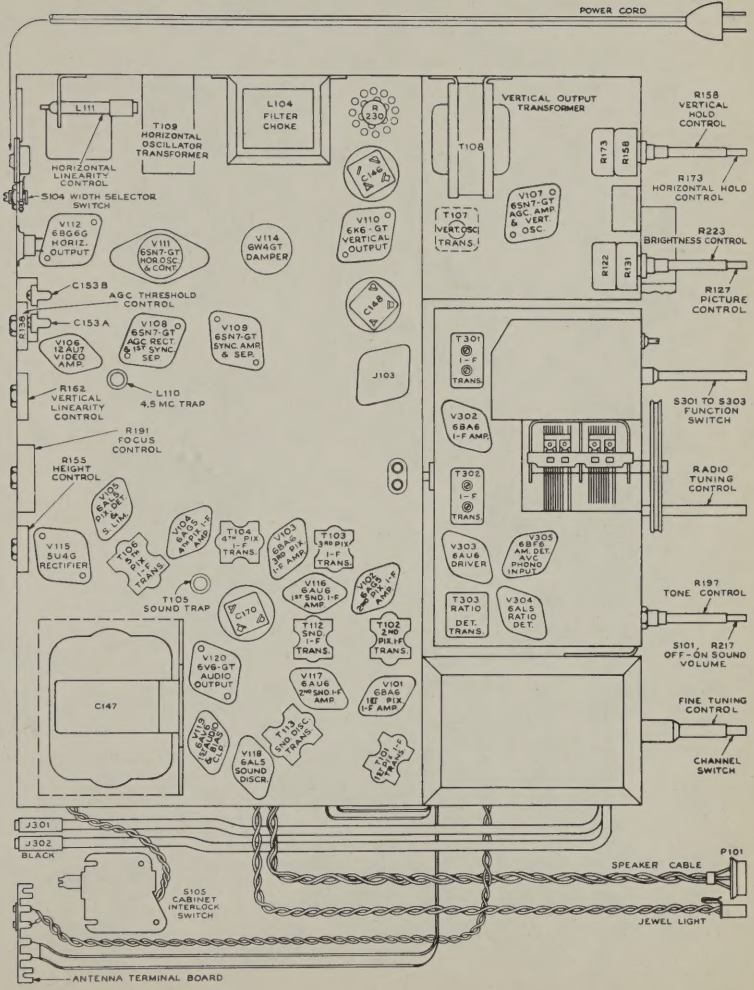
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY 92569-8W RL-111-10
13867	Cap—Dust cap
74901	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 prong male connector (J101)
74900	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less transformer and plug
74902	Transformer—Output transformer (T114) NOTE: If stamping in instruments does not agree with above speaker number, order replacement parts by referring to model number of instruments, number stamped on speaker and full description of part required.
	MISCELLANEOUS
74977	Back—Cabinet back
73465	Belt—Drive belt
74054	Bracket—Dial lamp bracket (2 required)
71599	Bracket—Pilot lamp bracket
75041	Button—Plug button for shipping bolts holes in 33/78 changer motorboard (2 required)
72437	Cable—Shielded pickup cable complete with pin plug
73441	Cam—Fine tuning adjustment
13103	Cap—Phono cap
73803	Capacitor—Tubular, paper, .002 mfd., 400 volts (C402)
71892	Catch—Bullet catch and strike
X3074	Cloth—Grille cloth for mahogany or walnut instruments
X3090	Grille cloth for oak instruments
14782	Connector—3 contact male connector for record changer power cable
30868	Connector—3 contact female connector for record changer power cable
71789	Connector—Anode connector
71521	Connector—Hi-voltage capacitor connector
71493	Connector—Oscillator segment connector
71457	Cord—Power cord and plug
74187	Core—Adjuster core for coil L9
73455	Core—Sliding core for fine tuning control trimmer
71437	Cover—Insulating cover for electrolytics #71432, 73581 and 73582
74581	Cover—Mounting screw cover for 45 RPM changer (3 required)
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
74811	Cushion—Rubber cushion for kinescope mounting
71984	Decal—Trade mark decal (RCA Victor)
74273	Decal—Trade mark decal (Victrola)
74898	Decal—Control panel function decal for mahogany or walnut instruments
74899	Decal—Control panel function decal for oak instruments
73440	Detent—R-F unit detent mechanism and fibre shaft
74052	Dial—Dial scale and bezel
74891	Edging—Vinylite edging for metal mask
74674	Emblem—"RCA Victor" emblem
73642	Escutcheon—Channel marker escutcheon for mahogany or walnut instruments
73740	Escutcheon—Channel marker escutcheon for oak instruments
71487	Form—Coil form for coil L31
73453	Form—Coil form assembly for L9, L13
73600	Fuse—0.25 amp. 250 volts (F101)
74755	Glass—Safety glass
37396	Grommet—Rubber grommet for speaker
74206	Grommet—Rubber grommet for mounting 33/78 record changer (4 required)
71799	Grommet—Rubber grommet for yoke horizontal lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74030	Grommet—Rubber grommet for mounting radio chassis (3 required)
74308	Hinge—Door hinge (1 set) for L.H. or R.H. doors
73200	Hinge—Lower hinge for center door
70166	Hinge—Upper hinge for center door
74051	Indicator—Station selector indicator
74959	Knob—Fine tuning knob—dark—for mahogany or walnut instruments (outer)
73995	Knob—Fine tuning knob—tan—for oak instruments (outer)

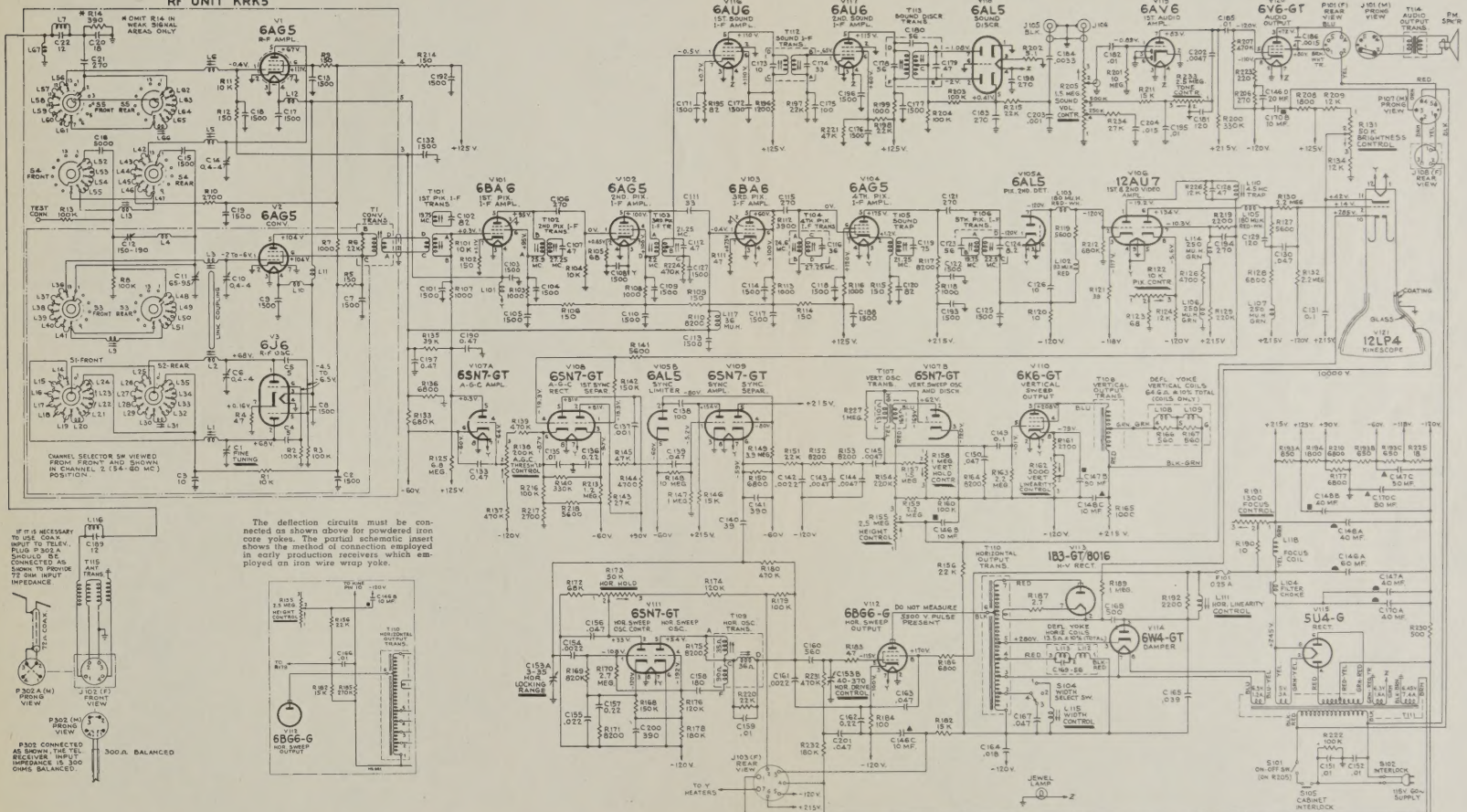
Continued on page 131, column 2


POWER CORD
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
S301 TO S304 FUNCTION SW.
RADIO TUNING CONTROL
TO PILOT LIGHTS
R233 TONE CONTROL
S101, R205 OFF-ON SOUND VOLUME
FINE TUNING CONTROL
CHANNEL SWITCH
P101
SPEAKER CABLE
JEWEL LIGHT
V107 6SN7-GT AGC AMP & VERT OSC.
T107 VERT OSC TRANS.
P107
P307
V110 6K6-GT VERTICAL OUTPUT
C146
C148
V301 6J6 OSC. & MIX
T301 I.F TRANS.
P305
P306
P308
P309
V302 6BA6 I.F AMP.
T302 I.F TRANS.
V305 6BT8 AM DET. AVC PHONO PREAMP.
V303 6AU6 DRIVER
T303 RATIO DET. TRANS.
V304 6AL5 RATIO DET.
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V1 6AG5 R-F AMP.
V3 6J6 R-F OSC.
V113 1B3-GT/8016 HI VOLTAGE RECT.
L115 WIDTH
S104 WIDTH SELECTOR SWITCH
T110 HORIZONTAL OUTPUT AND HI VOLTAGE TRANS.
C168 HI (VOLT) CONDENSER
F101 FUSE
V114 6W4GT DAMPER
V111 6SN7-GT HOR. OSC. & CONTROL
V112 6BG6G HORIZONTAL OUTPUT
V109 6SN7-GT SYNC. AMP & SEP.
V108 6SN7-GT AGC RECT & 1ST SYNC SEP.
V106 12AU7 VIDEO AMP.
L110 4.5MC TRAP
ION TRAP MAGNET
L118 FOCUS COIL
DEFLECTION YOKE
V105 6AL5 PIX DET & 5.5 LIMS
V115 5U4G RECTIFIER
T103 30MC PIX I-F TRANS.
V103 6BA6 38.9 PIX I-F AMP.
T104 41MC PIX I-F TRANS.
V104 6AG5 47.2 PIX I-F AMP.
T105 SOUND TRAP
T106 33MC PIX I-F TRANS.
V102 6AG5 45.9 PIX I-F AMP.
V116 6AL5 1ST SND I-F AMP.
C170
T102 PIX I-F TRANS.
T112 SND I-F TRANS.
V117 6AL5 2ND SND I-F AMP.
V120 6W6GT AUDIO OUTPUT
T111 POWER TRANSFORMER
V101 6BA6 1ST PIX I-F AMP.
T113 SND DISC TRANS.
V119 6AV6 1ST AUDIO & AM CLIP
T101 1ST PIX I-F TRANS.
V118 6AL5 SOUND DISCS
J102
T115
J301
J302 BLACK
S105 CABINET INTERLOCK SWITCH
ANTENNA TERMINAL BOARD


POWER CORD
L111
HORIZONTAL LINEARITY CONTROL
T109 HORIZONTAL OSCILLATOR TRANSFORMER
L104 FILTER CHOKE
R 1230
VERTICAL OUTPUT TRANSFORMER
T108
R158 VERTICAL HOLD CONTROL
R173
R158
R173 HORIZONTAL HOLD CONTROL
S104 WIDTH SELECTOR SWITCH
V112 6BG6G HORIZ. OUTPUT
V111 6SN7-GT HOR OSC & CONT
V114 6W4GT DAMPER
V110 6X6-GT VERTICAL OUTPUT
T107 VERT OSC TRANS.
V107 6SN7-GT AGC AMP & VERT OSC.
R223 BRIGHTNESS CONTROL
R122
R131
R127 PICTURE CONTROL
C153B
AGC THRESHOLD CONTROL
C153A
R138
V108 6SN7-GT AGC REC & 1ST SYNC SEP.
V109 6SN7-GT SYNC AMP & SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
R162 VERTICAL LINEARITY CONTROL
R191 FOCUS CONTROL
R155 HEIGHT CONTROL
J103
T301 I-F TRANS.
V302 6BA6 I-F AMP.
S301 TO S303 FUNCTION SWITCH
T302 I-F TRANS.
RADIO TUNING CONTROL
V108 6AU6 PIX SYNC SEP. & D.C. RES.
V105 6SG7 PIX AMP. I-F
T104 4TH PIX I-F TRANS
V103 6BA6 3RD PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V303 6AU6 DRIVER
V305 6BF6 AM. DET. AVC PHONO INPUT
V115 5U4G RECTIFIER
V106 12AU7 PIX I-F TRANS.
T105 SOUND TRAP
C170
V116 6AU6 1ST SND I-F AMP.
V104 6SG7 2ND SND I-F AMP.
T303 RATIO DET. TRANS.
V304 6AL5 RATIO DET.
R197 TONE CONTROL
S101, R217 OFF-ON SOUND VOLUME
T112 SND I-F TRANS.
T102 2ND PIX I-F TRANS.
C147
V120 6V6-GT AUDIO OUTPUT
V117 6AU6 2ND SND I-F AMP.
V101 6BA6 1ST PIX I-F AMP.
FINE TUNING CONTROL
CHANNEL SWITCH
V119 6AQ6 RATIO DET. & A.F.C.
T113 SND DISC TRANS.
V118 6AL5 SOUND DISCR.
T101 MIXER TRANS.
J301
J302
BLACK
P101
SPEAKER CABLE
S105 CABINET INTERLOCK SWITCH
JEWEL LIGHT
ANTENNA TERMINAL BOARD

Model

TA128



Chassis Number

KCS 42 A

SECTION I

Parts With Circuit-Symbol Numbers

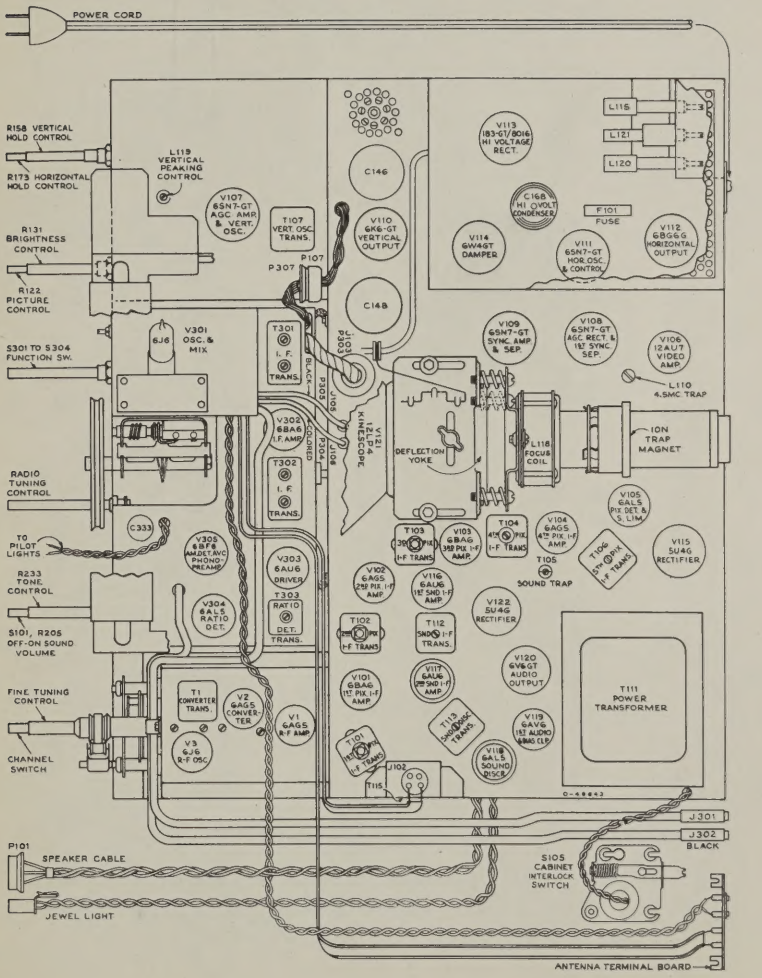
Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 μμf
C3	53511	Ceramic, 10 μμf
C4	74035	Ceramic, 5 μμf
C5	74035	Ceramic, 5 μμf
C6		See L2
C7	71501	Ceramic, 1500 μμf
C8	71501	Ceramic, 1500 μμf
C9	71501	Ceramic, 1500 μμf
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section 65-95 μμf (C11) and 1 section 150-190 μμf (C12)
C12		See C11
C13	71501	Ceramic, 1500 μμf
C14		See L5
C15	71501	Ceramic, 1500 μμf
C16	73473	Ceramic, 5000 μμf
C17	71501	Ceramic, 1500 μμf
C18	71501	Ceramic, 1500 μμf
C19	71501	Ceramic, 1500 μμf
C20	54207	Ceramic, 18 μμf
C21	73091	Ceramic, 270 μμf, *see L6*
C22		See L7
C101	71501	Ceramic, 1500 μμf
C102		See T101
C103	71501	Ceramic, 1500 μμf
C104	71501	Ceramic, 1500 μμf
C105	71501	Ceramic, 1500 μμf
C106	73091	Mica, 270 μμf
C107		See T102
C108	71501	Ceramic, 1500 μμf
C109	71501	Ceramic, 1500 μμf
C110	71501	Ceramic, 1500 μμf
C111	74105	Mica, 33 μμf
C112		See T103
C113	71501	Ceramic, 1500 μμf
C114	71501	Ceramic, 1500 μμf
C115	73091	Mica, 270 μμf
C116		See T104
C117	71501	Ceramic, 1500 μμf
C118	71501	Ceramic, 1500 μμf
C119		See T105
C120	64062	Ceramic, 82 μμf
C121	73091	Mica, 270 μμf
C122	71501	Ceramic, 1500 μμf
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 μμf
C126	39504	Mica, 10 μμf
C127	71501	Ceramic, 1500 μμf
C128		See L110
C129	73921	Ceramic, 120 μμf
C130	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 μμf
C133	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C137	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C138	39628	Mica, 100 μμf
C139	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C140	74726	Mica, 39 μμf
C141	39642	Mica, 390 μμf
C142	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C143	73920	Tubular, paper, oil-impregnated, .009 μf - 600 volts
C144	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C145	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 150 volts, and 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts, and 1 section of 10 μf - 450 volts
C149	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C150	73592	Tubular, moulded paper, oil-impregnated, .047 μf - 600 volts
C151	73565	Tubular, moulded paper, .01 μf - 1000 volts
C152	73565	Tubular, moulded paper, .01 μf - 1000 volts
C153	74593	Mica, trimmer (Sec. A, B) comprising 3 - 35 μμf and 40 - 370 μμf
C154	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C156	73592	Tubular, moulded paper, oil-impregnated, .047 μf - 600 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73102	Mica, 180 μμf
C159	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C160	74250	Mica, 1560 μμf
C161	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C165	73815	Tubular, moulded paper, oil-impregnated, .068 μf - 1000 volts
C166	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C167	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C168	74153	Hi-voltage 500 μμf - 15,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 80 μf - 200 volts
C171	71501	Ceramic, 1500 μμf
C172	71501	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175	39396	Ceramic, 100 μμf
C176	71501	Ceramic, 1500 μμf
C177	71501	Ceramic, 1500 μμf
C178		See T113
C179		See T113
C180		See T113
C181	39630	Mica, 120 μμf
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73922	Ceramic, 270 μμf
C184	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C185	73565	Tubular, moulded paper, .01 μf - 1000 volts
C186	73802	Tubular, paper, oil-impregnated, .0015 μf - 1000 volts
C187	39640	Mica, 330 μμf
C188	71501	Ceramic, 1500 μμf
C189		See L116
C190	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C192	71501	Ceramic, 1500 μμf
C193	71501	Ceramic, 1500 μμf
C194	73922	Ceramic, 270 μμf
C195	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C196	71501	Ceramic, 1500 μμf
C197	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C198	73922	Ceramic, 270 μμf
C200	39642	Mica, 390 μμf
C201	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C202	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C203	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C204	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
		FUSES, CONNECTORS, RELAYS
F101	73600	0.25 amp fuse, 250 volts
J101	5039	4 prong male connector
J102		See T115
J103	72108	7-contact female connector
J104	74879	2-contact polarized female connector for electronic magnifier cable
J105	33514	2-contact female receptacle for audio cable and switching cable
J106	33514	2-contact female receptacle for audio cable and switching cable
J108	72172	3-contact female connector
K101	74873	Electronic magnifier relay
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C6, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L5, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke coil
L11	73477	Choke coil
L12	73477	Choke coil
L13	73460	Tuner
L14	73468	Front oscillator sec. stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator sec. stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L32, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form for L31, see form under miscellaneous
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	RF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Filament choke
L102	71527	Peaking coil
L103	74214	Peaking coil
L104	73154	Filter choke
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	71526	Peaking coil
L108	74262	Deflecting yoke incl. L108, L109, L112, L113, C169, R166, R167
L109		See L108
L110	73577	4.5 mc trap incl. L110, C128
L111	71449	Horizontal linearity control
L112		See L108
L113		See L108
L114	71526	Peaking coil
L115	71429	Width control coil
L116	73476	IF trap incl. L116, C189
L117	74170	Peaking coil incl. L117, R110
L118	74585	Focus coil
L119	74877	Vertical peaking coil
L120	71429	Width control coil
L121	74878	Series width coil
P101	5040	**CONNECTORS** 4-contact female connector for speaker cable
P107	14786	5-contact male connector
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±5%, ½ watt
R112		3900 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R121		39 ohms, ±10%, ½ watt
R122	74047	Brightness and picture control
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6.8 megohms, ±10%, ½ watt
R126		4700 ohms, ±10%, ½ watt
R127		5600 ohms, ±10%, 1 watt
R128		6800 ohms, ±5%, 1 watt
R129		220,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131	74047	Brightness and picture control
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		12,000 ohms, ±10%, ½ watt
R135		10,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		5600 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 megohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		22,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		220,000 ohms, ±10%, ½ watt
R155	71440	Height control
R156		22,000 ohms, ±10%, ½ watt
R157		1.5 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical hold control
R159		2.2 megohms, ±10%, ½ watt
R160		100,000 ohms, ±10%, ½ watt
R161		2200 ohms, ±10%, 1 watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		8200 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		See L108
R167		See L108
R168		150,000 ohms, ±10%, ½ watt
R169		820,000 ohms, ±5%, ½ watt
R170		2.7 megohms, ±5%, 1 watt
R171		8200 ohms, ±10%, ½ watt
R172		68,000 ohms, ±10%, ½ watt
R173	72734	Horizontal and vertical hold control
R174		120,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		120,000 ohms, ±5%, 1 watt
R177		6800 ohms, ±10%, 2 watts
R178		180,000 ohms, ±5%, 1 watt
R179		82,000 ohms, ±10%, 1 watt
R180		470,000 ohms, ±10%, ½ watt
R181		220,000 ohms, ±10%, ½ watt
R182		18,000 ohms, ±10%, 1 watt
R183		47 ohms, ±20%, ½ watt
R184		100 ohms, ±10%, 2 watts
R185		270,000 ohms, ±10%, ½ watt
R186		8200 ohms, ±10%, 2 watts
R187	72633	Wire wound, 4.7 ohms, ½ watt
R188		10,000 ohms, ±10%, ½ watt
R189		1 megohm, ±20%, 1 watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192		2200 ohms, ±10%, 1 watt
R193	73588	Voltage divider (Sec. A, B, C) comprising 1 section of 850 ohms - 12 watts, and 2 sections of 650 ohms - 6 watts
R194		1800 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R197		22,000 ohms, ±10%, ½ watt
R198		22,000 ohms, ±20%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	74359	Tone control, volume control, power switch
R206		270 ohms, ±10%, 1 watt
R207		470,000 ohms, ±20%, ½ watt
R208		1800 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, ½ watt
R210		6800 ohms, ±10%, 2 watts
R211		15,000 ohms, ±10%, ½ watt
R212		560,000 ohms, ±10%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±20%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, 20 watts
R219		2200 ohms, ±10%, ½ watt
R220		22,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±20%, ½ watt
R222		100,000 ohms, ±20%, 1 watt
R223		220 ohms, ±10%, 1 watt
R224		470,000 ohms, ±10%, ½ watt
R225		18 ohms, ±10%, ½ watt
R226		12,000 ohms, ±10%, ½ watt
R230	74049	Wire wound, 500 ohms, 20 watts
R232		180,000 ohms, ±10%, ½ watt
R233	74359	Tone control, volume control, power switch
R234		27,000 ohms, ±10%, ½ watt
		SEGMENTS, SWITCHES
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S101	74359	Tone control, volume control, power switch
S104	74872	Width selector switch
S105	74157	Interlock switch
		TRANSFORMERS, TRAPS
T1	73448	Converter transformer and R6
T101	74589	First pix IF transformer incl. T101, C102, R101
T102	74590	Second pix IF transformer incl. T102, C107
T103	74591	Third pix IF transformer incl. T103, C112
T104	74592	Fourth pix IF transformer incl. T104, C116
T105	71778	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C123, C124
T107	73569	Vertical oscillator transformer
T108	74875	Vertical cutout transformer
T109	73576	Horizontal oscillator transformer
T110	74588	Horizontal output and hi-voltage transformer
T111	74892	Power transformer 115 volt
T112	71424	Sound discriminator transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	74902	Audio output transformer
T115	73578	Antenna transformer complete with socket and bracket incl. T115, J102
		CABLE
W1	73478	IF transmission cable 47/8 inch

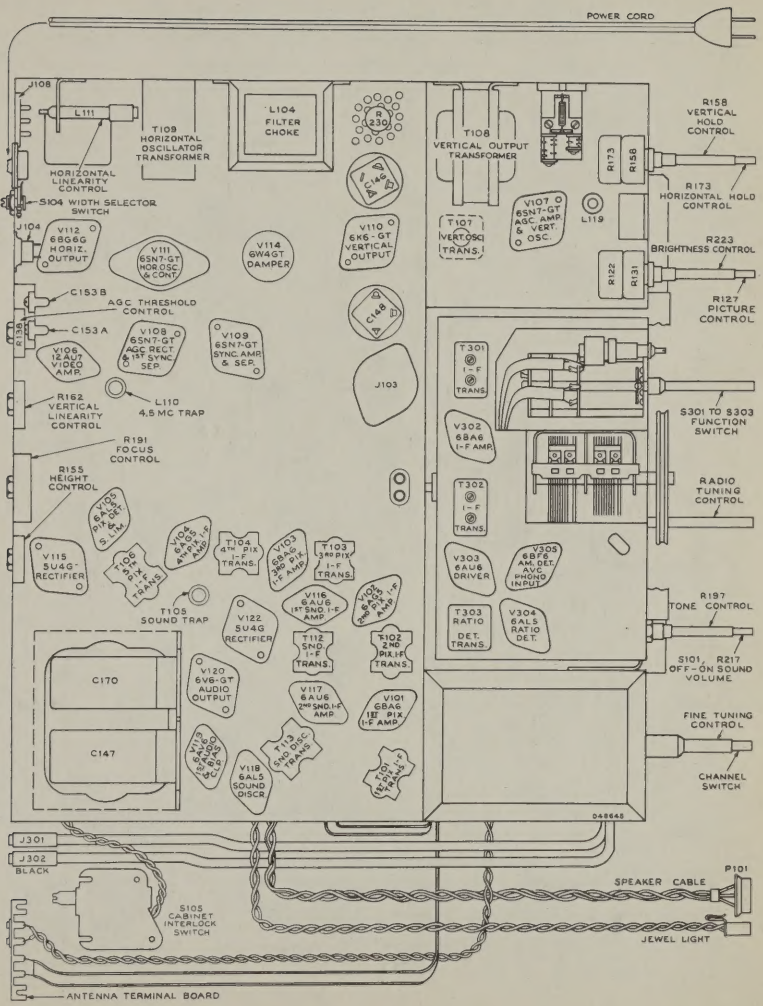
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY 92569-8W RL-111-10
13867	Cap—Dust cap
74901	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 prong male connector (J101)
74900	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less transformer and plug
74902	Transformer—Audio output transformer (T114) NOTE: If stamping in instruments does not agree with above speaker number, order replacement parts by referring to model number of instruments, number stamped on speaker and full description of part required.
	MISCELLANEOUS
74895	Back—Cabinet back
73465	Belt—Drive belt
75069	Board—R-F unit power connection terminal board (5 contact)
74054	Bracket—Dial lamp bracket
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding R-F oscillator tube shield
75041	Button—Plug button for shipping bolts holes in 33/78 RPM changer (2 required)
72437	Cable—Shielded pickup cable complete with pin plug for 45 RPM changer
74296	Cable—Shielded pickup cable complete with pin plug for 33/78 RPM changer
73441	Cam—Fine tuning adjustment
13103	Cap—Pilot lamp cap
73803	Capacitor—Tubular, paper, .002 mfd, 400 volts
74883	Case—Plastic case and bottom cover for electronic magnifier switch
71892	Catch—Bullet catch and strike for doors (3 required)
X3067	Cloth—Grille cloth for mahogany or walnut instruments
X3090	Cloth—Grille cloth for oak instruments
74882	Connector—3-contact male connector for electronic magnifier cable
14782	Connector—3-contact male connector for record changer power cable
30868	Connector—2-contact female connector for record changer power cable
74594	Connector—2-contact male connector for power cord
71789	Connector—Anode connector
71521	Connector—Hi-voltage capacitor connector
71493	Connector—Oscillator segment connector
71457	Cord—Power cord and plug
73455	Core—Sliding core for fine tuning control trimmer
74187	Core—Adjustable core for coil L9
71437	Cover—Insulating cover for electrolytics #71432 and 73581
74581	Cover—Mounting screw for 45 RPM changer (3 required)
74811	Cushion—Rubber cushion for kinescope mounting
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
74891	Cushion—Vinylite cushion (edging) for mashing panel
74898	Decal—Control panel function decal for mahogany or walnut instruments
74899	Decal—Control panel function decal for oak instruments
71984	Decal—Trade mark decal (RCA Victor)
74273	Decal—Trade mark decal (Victrola)
73440	Detent—R-F unit detent mechanism and fibre shaft
74052	Dial—Dial scale and bezel
74809	Emblem—"RCA Victor" emblem
73642	Escutcheon—Channel marker escutcheon for mahogany or walnut instruments
73740	Escutcheon—Channel marker escutcheon for oak instruments
71487	Form—Coil form for coil L31
73453	Form—Coil form assembly for L9, L13
74755	Glass—Safety glass
37396	Grommet—Rubber grommet for mounting speaker
74206	Grommet—Rubber grommet for mounting 33/78 RPM changer (4 required)
71799	Grommet—Rubber grommet for yoke horizontal lead exit

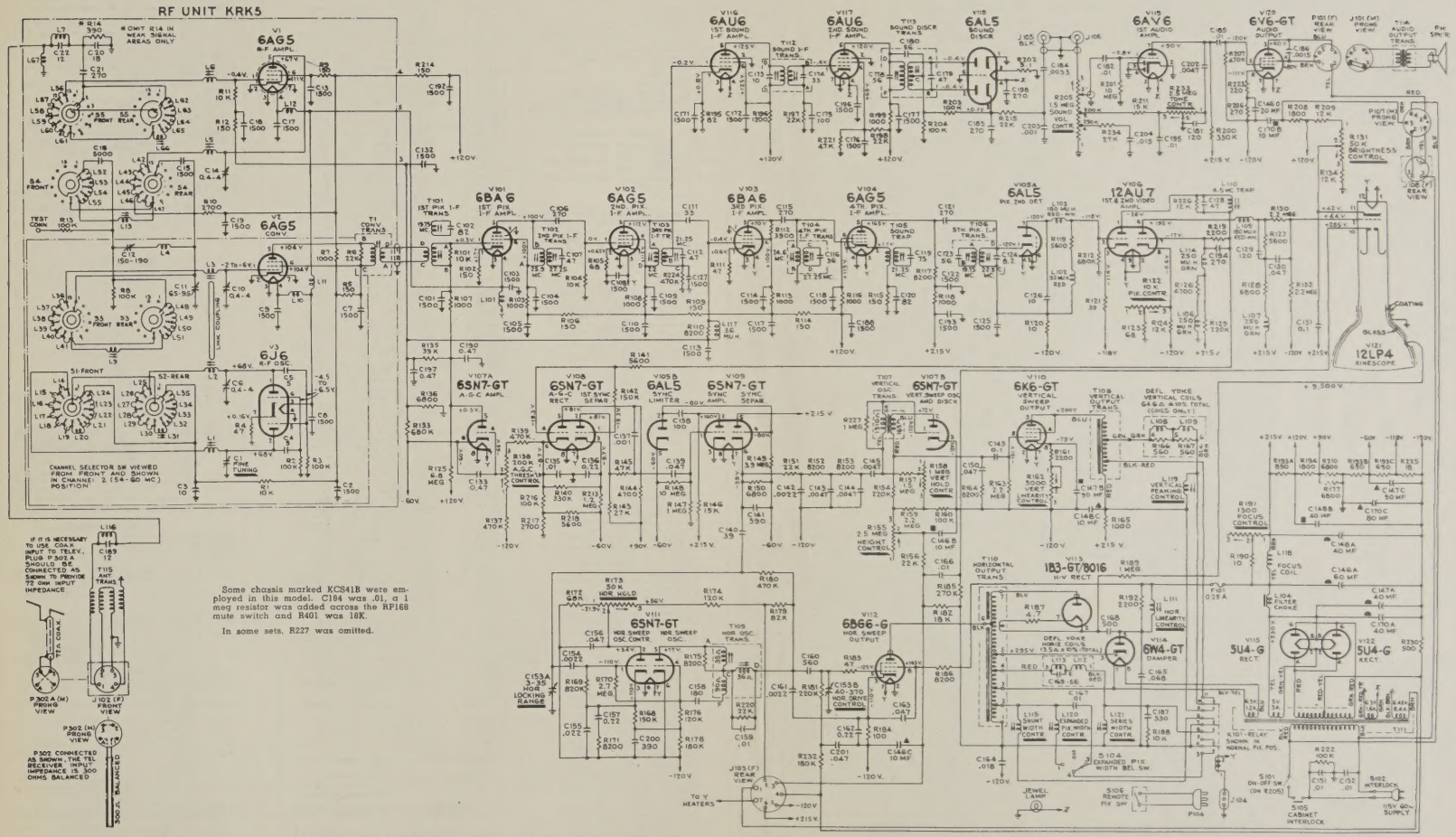
Continued on page 131, column 3


POWER CORD
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
S301 TO S304 FUNCTION SW.
RADIO TUNING CONTROL
T0 PILOT LIGHTS
R233 TONE CONTROL
S101, R205 OFF-ON SOUND VOLUME
FINE TUNING CONTROL
CHANNEL SWITCH
L113 VERTICAL PEAKING CONTROL
V107 6SN7-GT AGC AMP & VERT. OSC.
T107 VERT. OSC. TRANS.
V110 6K6-GT VERTICAL OUTPUT
P107
P307
C146
C148
V113 1B3-GT/8016 HI VOLTAGE RECT.
L115
L121
L120
C168 HI VOLT CONDENSER
F101 FUSE
V114 6W4GT DAMPER
V111 6SN7-GT HOR. OSC & CONTROL
V112 6BG6G HORIZONTAL OUTPUT
V109 6SN7-GT SYNC. AMP & SEP.
V108 6SN7-GT AGC. RECT. & 1ST SYNC. SEP.
V106 12AU7 VIDEO AMP.
L110 4.5MC TRAP
ION TRAP MAGNET
L118 FOCUS COIL
DEFLECTION YOKE
V105 6AL5 PIX DET. & S. LIM.
V115 5U4G RECTIFIER
T105 SOUND TRAP
T106 47M PIX I-F TRANS.
T104 47K PIX I-F TRANS.
V104 6AG5 47P PIX. I-F AMP.
T103 39M PIX I-F TRANS.
V103 6BA6 39P PIX I-F AMP.
V102 6AG5 29P PIX. I-F AMP
V116 6AU6 1ST SND. I-F AMP.
V122 5U4G RECTIFIER
T102 I-F TRANS.
T112 SND I-F TRANS.
V117 6AU6 2ND SND I-F AMP.
V120 6V6GT AUDIO OUTPUT
T111 POWER TRANSFORMER
V101 6BA6 1ST PIX I-F AMP.
T113 DISCRIMINATOR TRANS.
V119 6AV6 1ST AUDIO & RATIO DET.
T101 2ND PIX I-F TRANS.
V118 6AL5 SOUND DISC.
T115
J102
V301 6J6 OSC. & MIX
T301 I. F. TRANS.
V302 6BA6 I.F. AMP.
T302 I. F. TRANS.
V303 6AU6 DRIVER
T303 RATIO DET. TRANS.
V304 6AL5 RATIO DET.
V305 6BF6 AMP. DET. AVC PHONO PREAMP.
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V3 6J6 R-F OSC.
V1 6AG5 R-F AMP.
P301 BLACK
P302 GROUNDED
P304 RED
P305 YELLOW
P306 GREEN
KINESCOPE 21VP4
J301
J302 BLACK
P101
SPEAKER CABLE
JEWEL LIGHT
S105 CABINET INTERLOCK SWITCH
ANTENNA TERMINAL BOARD


POWER CORD
J108
L111
HORIZONTAL LINEARITY CONTROL
T109 HORIZONTAL OSCILLATOR TRANSFORMER
L104 FILTER CHOKE
R 230
C146
S104 WIDTH SELECTOR SWITCH
J104
V112 6BQ6G HORIZ. OUTPUT
V111 6SN7-GT HOR. OSC. & CONT.
V114 6W4GT DAMPER
V110 6K6-GT VERTICAL OUTPUT
T108 VERTICAL OUTPUT TRANSFORMER
R73
R58
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
V107 6SN7-GT AGC AMP. & VERT. OSC.
L119
T107 (VERT. OSC.) TRANS.
R223 BRIGHTNESS CONTROL
R122
R131
R127 PICTURE CONTROL
C153B
AGC THRESHOLD CONTROL
C153A
R138
V106 12AUT VIDEO AMP.
V108 6SN7-GT AGC RECT. & 1ST SYNC. SEP.
V109 6SN7-GT SYNC. AMP. & SEP.
C148
J103
T301 I-F TRANS.
R162 VERTICAL LINEARITY CONTROL
L110 4.5 MC TRAP
S301 TO S303 FUNCTION SWITCH
R191 FOCUS CONTROL
V302 6BA6 I-F AMP.
R155 HEIGHT CONTROL
V101 6BA6 1ST PIX I-F AMP.
T302 I-F TRANS.
RADIO TUNING CONTROL
V115 5U4G RECTIFIER
V105 6BA6 2ND PIX I-F AMP.
V104 4TH PIX I-F TRANS.
V103 6BA6 3RD PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V303 6AU6 DRIVER
V305 6BF6 AM. DET. AVC PHONO INPUT
T303 RATIO DET. TRANS.
V304 6AL5 RATIO DET.
R197 TONE CONTROL
T105 SOUND TRAP
V122 5U4G RECTIFIER
V116 6AU6 1ST SND. I-F AMP.
V102 6BA6 2ND SND. I-F AMP.
T112 SND. I-F TRANS.
T102 2ND PIX I.F. TRANS.
S101, R217 OFF-ON SOUND VOLUME
C170
C147
V120 6V6-GT AUDIO OUTPUT
V117 6AU6 2ND SND. I-F AMP.
V101 6BA6 1ST PIX I-F AMP.
FINE TUNING CONTROL
V119 6BA6 SND. DISC. AMP.
T113 SND. DISC. TRANS.
CHANNEL SWITCH
V118 6AL5 SOUND DISCR
T102 2ND PIX I.F. TRANS.
D48648
J301
J302 BLACK
P101
SPEAKER CABLE
S105 CABINET INTERLOCK SWITCH
JEWEL LIGHT
ANTENNA TERMINAL BOARD

Model

TA129



Chassis Number

KCS41A-1

SECTION I

Parts With Circuit-Symbol Numbers

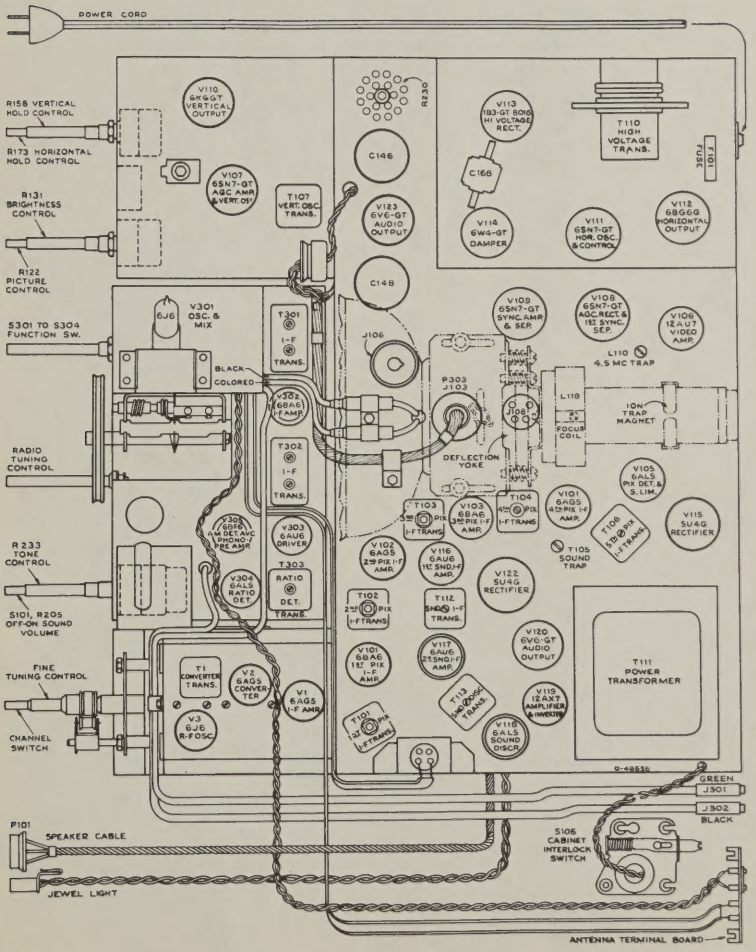
Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 $\mu\mu$f
C3	53511	Ceramic, 10 $\mu\mu$f
C4	74035	Ceramic, 5 $\mu\mu$f
C5	74035	Ceramic, 5 $\mu\mu$f
C6		See L3
C7	71501	Ceramic, 1500 $\mu\mu$f
C8	71501	Ceramic, 1500 $\mu\mu$f
C9	71501	Ceramic, 1500 $\mu\mu$f
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section 150-190 $\mu\mu$f (C12) and 1 section 65-95 $\mu\mu$f (C11)
C12		See C11
C13	71501	Ceramic, 1500 $\mu\mu$f
C14		See L5
C15	71501	Ceramic, 1500 $\mu\mu$f
C16	73473	Ceramic, 5000 $\mu\mu$f
C17	71501	Ceramic, 1500 $\mu\mu$f
C18	71501	Ceramic, 1500 $\mu\mu$f
C19	71501	Ceramic, 1500 $\mu\mu$f
C20	54207	Ceramic, 18 $\mu\mu$f
C21	73091	Ceramic, 270 $\mu\mu$f, See L6
C22		See L7
C101	71501	Ceramic, 1500 $\mu\mu$f
C102		See T101
C103	71501	Ceramic, 1500 $\mu\mu$f
C104	71501	Ceramic, 1500 $\mu\mu$f
C105	71501	Ceramic, 1500 $\mu\mu$f
C106	73091	Mica, 270 $\mu\mu$f
C107		See T102
C108	71501	Ceramic, 1500 $\mu\mu$f
C109	71501	Ceramic, 1500 $\mu\mu$f
C120	64062	Ceramic, 82 $\mu\mu$f
C110	71501	Ceramic, 1500 $\mu\mu$f
C111	74105	Mica, 33 $\mu\mu$f
C112		See T103
C113	71501	Ceramic, 1500 $\mu\mu$f
C114	71501	Ceramic, 1500 $\mu\mu$f
C115	73091	Mica, 270 $\mu\mu$f
C116		See T104
C117	71501	Ceramic, 1500 $\mu\mu$f
C118	71501	Ceramic, 1500 $\mu\mu$f
C119		See T105
C121	73091	Mica, 270 $\mu\mu$f
C122	71501	Ceramic, 1500 $\mu\mu$f
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 $\mu\mu$f
C126	39604	Mica, 10 $\mu\mu$f
C127	71501	Ceramic, 1500 $\mu\mu$f
C128		See L110
C129	73921	Ceramic, 120 $\mu\mu$f
C130	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 $\mu\mu$f
C133	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C134	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C137	73801	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C138	75060	Mica, 100 $\mu\mu$f
C139	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C140	73090	Mica, 82 $\mu\mu$f
C141	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C142	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C143	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C144	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C145	73594	Tubular, paper, oil-impregnated, .01 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 60 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 20 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 90 μf - 150 volts, and 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts and 1 section of 10 μf - 450 volts
C149	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C150	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C151	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C152	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C153	74946	Mica, trimmer (Sec. A, B) comprising 4-70 $\mu\mu$f and 10-160 $\mu\mu$f
C154	73090	Mica, 82 $\mu\mu$f
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C156	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C157	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C158	73102	Mica, 180 $\mu\mu$f
C159	73594	Tubular, paper, oil-impregnated, .01 μf - 600 volts
C160	74250	Mica, 560 $\mu\mu$f
C161	73801	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	73562	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C165	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C166	28417	Electrolytic, 5 μf - 450 volts
C167	73562	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C168	74947	Ceramic, 500 $\mu\mu$f - 20,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 40 μf - 450 volts, 10 μf - 450 volts, and 80 μf - 200 volts
C171	71501	Ceramic, 1500 $\mu\mu$f
C172	71501	Ceramic, 1500 $\mu\mu$f
C173		See T112
C174		See T112
C175	39396	Ceramic, 100 $\mu\mu$f
C176	71501	Ceramic, 1500 $\mu\mu$f
C177	71501	Ceramic, 1500 $\mu\mu$f
C178		See T113
C179		See T113
C180		See T113
C181	39630	Mica, 120 $\mu\mu$f
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73922	Ceramic, 270 $\mu\mu$f
C184	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C185	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C186	73803	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C187		See L108
C188	71501	Ceramic, 1500 $\mu\mu$f
C189		See L116
C190	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C191	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C192	71501	Ceramic, 1500 $\mu\mu$f
C193	71501	Ceramic, 1500 $\mu\mu$f
C194	73922	Ceramic, 270 $\mu\mu$f
C195	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C196	71501	Ceramic, 1500 $\mu\mu$f
C197	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C198	73922	Ceramic, 270 $\mu\mu$f
C199	73802	Tubular, moulded paper, oil-impregnated, .0015 μf - 600 volts
C201	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C202	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C203	73801	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C204	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C205	73594	Tubular, paper, oil-impregnated, .01 μf - 600 volts
C206	73565	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C207	73803	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C401	73803	Tubular, paper, .002 μf - 400 volts
		FUSES, CONNECTORS, SOCKETS
F101	73600	0.25 amp fuse, 250 volts
J101	5039	4-contact male connector
J102		Socket—See T115
J103	72108	7-contact female connector
J104	74911	Shielded cable complete with female connector
J105	74911	Shielded cable complete with female connector
J106	60942	8-contact female connector for deflection yoke leads
J107	72172	3-contact female connector
J107	14786	5-contact male connector for motor switching cable
J108	31027	4-contact female connector for focus coil leads
		COILS
L1		Fine tuning (tuner) incl. L1, C1
	73443	Smooth bushing type
	74108	Threaded bushing type
L2		Trimmer (tuner) incl. L2, C5, L3, C10
	73444	Smooth bushing type
	74109	Threaded bushing type
L3		See L2
L4	73462	Tuner
L5		Trimmer (tuner) incl. L5, C14, L5
	73446	Smooth bushing type
	74110	Threaded bushing type
L6	73633	Antenna stator complete with rotor incl. S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21
L7	73476	IF trap incl. L7, C22
L9	73874	Tuner
L10	73477	Choke
L11	73477	Choke
L12	73477	Choke
L13	73460	Tuner
L14	73468	Front oscillator section stator complete with rotor segment incl. S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L19		See L14
L20	73461	Tuner
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor segment incl. S2, L25, L26, L27, L28, L29, L30, L32, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Tuner
	71487	Coil form for L31, see form under miscellaneous
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36	73470	Converter stator complete with rotor incl. S3, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L37		See L36
L38		See L36
L39		See L36
L40		See L36
L41		See L36
L42	73471	RF amplifier stator complete with rotor incl. S4, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55
L43		See L42
L44		See L42
L45		See L42
L46		See L42
L47		See L42
L48		See L36
L49		See L36
L50		See L36
L52		See L42
L53		See L42
L54		See L42
L55		See L42
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna filter shunt coil
L101	73477	Filament choke
L102	71527	Peaking coil
L103	74214	Peaking coil
L104	73154	Filter choke
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	75252	Peaking coil
L108	74952	Deflecting yoke incl. L108, L109, L112, L113, C169, C187, P106
L109		See L108
L110	73577	4.5 mc trap incl. L110, C128
L111	71449	Horizontal linearity control
L112		See L108
L113		See L108
L114	71526	Peaking coil
L116	73476	IF trap incl. L116, C189
L117	74170	Peaking coil incl. L117, R110
L118	74983	Focus coil and plug incl. L118, P108
		PLUGS, CONNECTORS
P101	5040	4-contact female connector for speaker cable
P106	35383	8-contact male connector part of deflection yoke
P108	30568	4-contact male connector part of focus coil
P108		See L118
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R6		See T1
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		1000 ohms, ±10%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±5%, ½ watt
R112		3900 ohms, ±5%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±10%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R121		220 ohms, ±10%, ½ watt
R122	74047	Picture and brightness control
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6.8 megohms, ±10%, ½ watt
R126		5100 ohms, ±5%, ½ watt
R127		5600 ohms, ±10%, 1 watt
R128		8200 ohms, ±5%, 1 watt
R129		150,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131	74047	Picture and brightness control
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		22,000 ohms, ±10%, ½ watt
R135		39,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		10,000 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 megohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		27,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		270,000 ohms, ±10%, ½ watt
R155	71440	Height control
R156		220,000 ohms, ±10%, ½ watt
R157		1.2 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical hold control
R159		3.3 megohms, ±5%, ½ watt
R160		1200 ohms, ±10%, 1 watt
R161		1500 ohms, ±10%, ½ watt
R162	71441	Vertical linearity control
R163		2.2megohms, ±10%, ½ watt
R164		12,000 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		220,000 ohms, ±10%, ½ watt
R167		5600 ohms, ±10%, 1 watt
R168		82,000 ohms, ±10%, 1 watt
R169		820,000 ohms, ±10%, ½ watt
R170		330,000 ohms, ±10%, ½ watt
R171		3900 ohms, ±10%, ½ watt
R172		120,000 ohms, ±10%, 1 watt
R173	72734	Horizontal and vertical hold control
R174		100,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		150,000 ohms, ±5%, 1 watt
R177	48207	Wire wound, 3300 ohms, 10 watts
R178		330,000 ohms, ±5%, 1 watt
R179		82,000 ohms, ±5%, 1 watt
R180		150,000 ohms, ±10%, ½ watt
R181		820,000 ohms, ±10%, ½ watt
R182		10,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		100 ohms, ±10%, 2 watts
R185		150,000 ohms, ±10%, ½ watt
R186		12,000 ohms, ±10%, 1 watt
R187		150,000 ohms, ±10%, ½ watt
R188		470,000 ohms, ±10%, ½ watt
R189		1 megohm, ±20%, ½ watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192	74945	Width control
R193	74955	Voltage divider (Sec. A, B, C) comprising 1 section of 1200 ohms - 16 watts, and 2 sections of 700 ohms - 5½ watts
R194		3900 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R197		22,000 ohms, ±10%, ½ watt
R198		22,000 ohms, ±10%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	74359	Tone control, volume control, and power switch
R206		330 ohms, ±10%, 2 watts
R207		560,000 ohms, ±10%, ½ watt
R209		12,000 ohms, ±10%, ½ watt
R211		27,000 ohms, ±10%, ½ watt
R212		680,000 ohms, ±10%, ½ watt
R213		1.2 megohms, ±5%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±20%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, ½ watt
R219		2200 ohms, ±10%, ½ watt
R220		10,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±10%, ½ watt
R222		100,000 ohms, ±20%, 2 watts
R224		470,000 ohms, ±10%, ½ watt
R225		10 ohms, ±10%, ½ watt
R226		100,000 ohms, ±10%, ½ watt
R227		2.7 megohms, ±5%, 1 watt
R228		47,000 ohms, ±10%, ½ watt
R229		10 megohms, ±20%, ½ watt
R230	75085	Wire wound, 270 ohms, 20 watts
R231		3300 ohms, ±10%, ½ watt
R232		180,000 ohms, ±10%, ½ watt
R233	74359	Tone control, volume control, and power switch
R234		18,000 ohms, ±10%, ½ watt
R235		15,000 ohms, ±10%, ½ watt
R236		560,000 ohms, ±10%, ½ watt
R237		10,000 ohms, ±10%, 2 watts
R238		12,000 ohms, ±10%, 2 watts
R239		470,000 ohms, ±10%, 2 watts
R240		10,000 ohms, ±10%, 2 watts
R401		Fixed composition, 47,000 ohms, ±10%, ½ watt
		SEGMENTS, SWITCHES
S1		See L14
S2		See L25
S3		See L36
S4		See L42
S5		See L6
S101	74359	Tone control, volume control, and power switch
S105	74157	Cabinet interlock switch
		TRANSFORMERS, TRAPS
T1	73448	Converter transformer and R6
T101	74589	First pix IF transformer incl. T101, C102, R101
T102	74590	Second pix IF transformer incl. T102, C107
T103	74591	Third pix IF transformer incl. T103, C112
T104	74592	Fourth pix IF transformer incl. T104, C116
T105	71788	Sound trap incl. T105, C119
T106	73575	Fifth pix IF transformer incl. T106, C123, C124
T107	73569	Vertical oscillator transformer
T108	74950	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74951	Hi-voltage transformer
T111	75084	Power transformer 115 volts - 60 cycles
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	73636	Output transformer
T115	73578	Antenna transformer complete with socket incl. T115, J102
		CABLES
W1	73478	IF transmission cable 47⅛ inch
W101	74911	Shielded cable complete with female connector
W103	74911	Shielded cable complete with female connector

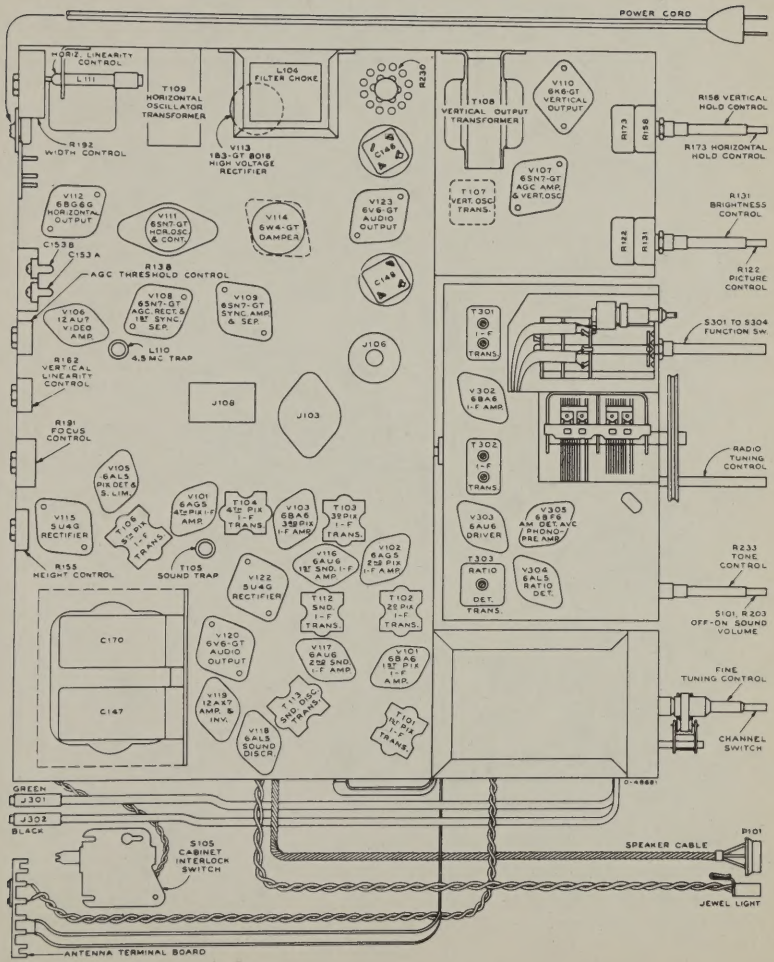
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY 92569-5 W RL 111-8
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4-contact male connector (J101)
73636	Transformer—Output transformer (T114)
73635	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and plug
	NOTE: If stamping in instruments does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
75102	Back—Cabinet back
73465	Belt—Drive belt
75069	Board—R-F unit power connection terminal board (5 contact)
74054	Bracket—Dial lamp bracket (2 required)
75086	Bracket—Mounting bracket (upper) for focus coil
75087	Bracket—Mounting bracket (lower) for focus coil
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding r-f oscillator tube shield
74296	Cable—Shielded pickup cable complete with pin plug for 45 RPM changer
72437	Cable—Shielded pickup cable complete with pin plug for 33/78 RPM changer
73441	Cam—Fine tuning adjustment
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for doors (3 required)
X3092	Cloth—Grille cloth for mahogany or walnut cabinets
X3090	Cloth—Grille cloth for oak cabinets
74967	Connector—Anode connector
74594	Connector—Male connector for power cable
71493	Connector—Oscillator segment connector
30868	Connector—2-contact female connector for 45 RPM motor extension cable
30870	Connector—2-contact male connector for 45 RPM motor extension cable
14782	Connector—3-contact male connector for record changer power cable
71457	Cord—Power cord and plug
73455	Core—Sliding core for fine tuning control trimmer
74187	Core—Adjustable core for coil L9
74581	Cover—Mounting screw cover for 45 RPM changer

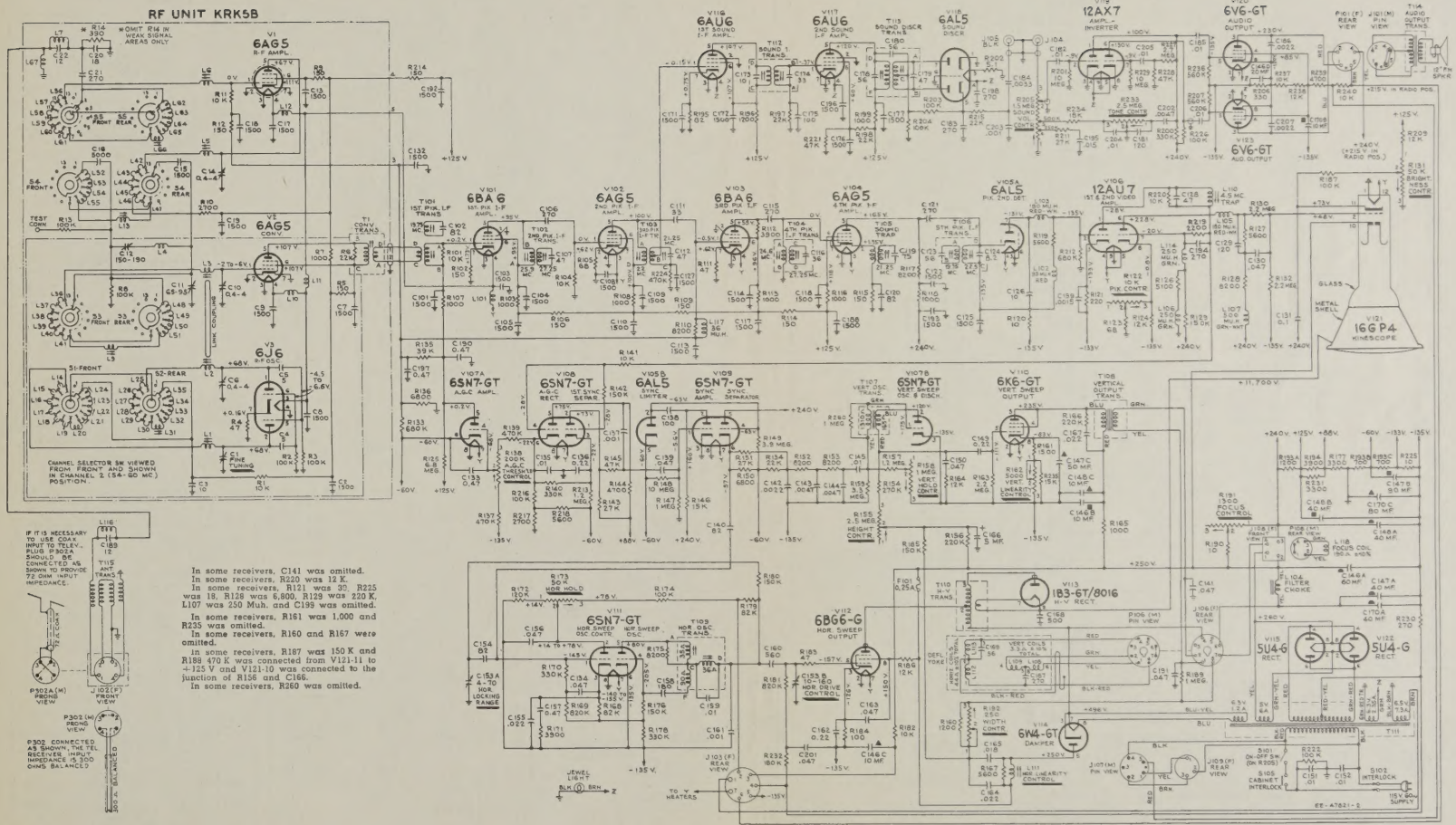
Continued on page 131, column 5


POWER CORD
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
S301 TO S304 FUNCTION SW.
RADIO TUNING CONTROL
R 233 TONE CONTROL
S101, R205 OFF-ON SOUND VOLUME
FINE TUNING CONTROL
CHANNEL SWITCH
P101
SPEAKER CABLE
JEWEL LIGHT
V110 6K6GT VERTICAL OUTPUT
V107 6SN7-GT AGC AMP. & VERT. OSC.
T107 VERT. OSC. TRANS.
V301 6J6 OSC. & MIX
T301 I-F TRANS.
V302 6BA6 I-F AMP.
T302 I-F TRANS.
V303 6AU6 I-F AMP.
T303 RATIO DET. TRANS.
V304 6BF5 RATIO DET.
V305 6BF5 1ST DET. AVC SYNCHO. RE AMP.
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V3 6J6 R-F OSC.
V1 6AG5 I-F AMP.
R230
C146
C166
C148
V123 6V6-GT AUDIO OUTPUT
V114 6W4-GT DAMPER
V113 1B3-GT 8016 HI VOLTAGE RECT.
T110 HIGH VOLTAGE TRANS.
F101 FUSE
V111 6SN7-GT HOR. OSC. & CONTROL
V112 6BG6G HORIZONTAL OUTPUT
V109 6SN7-GT SYNC. AMP & SEP.
V108 6SN7-GT AGC. RECT. & 1ST SYNC. SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
J106
P303 J103
L110
J108
2" I.P. FOCUS COIL
ION TRAP MAGNET
DEFLECTION YOKE
V105 6AL5 PIX DET. & S. LIM.
V115 5U4G RECTIFIER
T108 2ND PIX I-F TRANS.
V101 6AG5 4TH PIX I-F AMP.
T105 SOUND TRAP
T103 1ST PIX I-F TRANS.
V103 6BA6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V102 6AG5 2ND PIX I-F AMP.
V116 6AU6 1ST SND. I-F AMP.
T102 2ND PIX I-F TRANS.
T112 SND. I-F TRANS.
V122 5U4G RECTIFIER
V120 6V6-GT AUDIO OUTPUT
T111 POWER TRANSFORMER
V101 6BA6 1ST PIX I-F AMP.
V117 6AU6 1ST SND. I-F AMP.
T113 DISCR. TRANS.
V115 12AX7 AMPLIFIER & INVERTER
T101 1ST PIX I-F TRANS.
V118 6AL5 SOUND DISCR.
S105 CABINET INTERLOCK SWITCH
GREEN J301
J302 BLACK
ANTENNA TERMINAL BOARD
BLACK COLORED


POWER CORD
HORIZ. LINEARITY CONTROL
L111
T109 HORIZONTAL OSCILLATOR TRANSFORMER
L104 FILTER CHOKE
R230
T108 VERTICAL OUTPUT TRANSFORMER
V110 6K6-GT VERTICAL OUTPUT
R156 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R192 WIDTH CONTROL
V113 1B3-GT 8016 HIGH VOLTAGE RECTIFIER
V107 6SN7-GT AGC AMP. & VERT. OSC
T107 VERT. OSC TRANS.
V112 6BG6G HORIZONTAL OUTPUT
V111 6SN7-GT HOR. OSC. & CONT.
V114 6W4-GT DAMPER
V123 6V6-GT AUDIO OUTPUT
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
C153B
C153A
R138 AGC THRESHOLD CONTROL
V106 12AU7 VIDEO AMP.
V108 6SN7-GT AGC. RECT. & 1ST SYNC. SEP.
V109 6SN7-GT SYNC. AMP & SEP.
L110 4.5 MC. TRAP
J106
T301 I-F TRANS.
S301 TO S304 FUNCTION SW.
R162 VERTICAL LINEARITY CONTROL
J108
J103
V302 6BA6 I-F AMP.
T302 I-F TRANS.
R181 FOCUS CONTROL
RADIO TUNING CONTROL
V105 6AL5 PIX DET & S. LIM.
V101 6AG5 41.25 PIX I-F AMP.
T104 41.25 PIX I-F TRANS.
V103 6BA6 39.9 PIX I-F AMP.
T103 39.9 PIX I-F TRANS.
V303 6AU6 DRIVER
V305 6BF6 AM DET. AVC / PHONO PRE. AMP.
V115 5U4G RECTIFIER
T106 43.5 PIX I-F TRANS.
V102 6AG5 25.9 PIX I-F AMP.
T303 RATIO DET. TRANS.
V304 6AL5 RATIO DET.
R233 TONE CONTROL
R155 HEIGHT CONTROL
T105 SOUND TRAP
V116 6AU6 15.75 SND. I-F AMP.
V122 5U4G RECTIFIER
T112 SND. I-F TRANS.
T102 25.9 PIX I-F TRANS.
S101, R203 OFF-ON SOUND VOLUME
C170
C147
V120 6V6-GT AUDIO OUTPUT
V117 6AU6 25.9 SND. I-F AMP.
V101 6BA6 1ST PIX AMP.
FINE TUNING CONTROL
V119 12AX7 AMP. & INV.
T113 SND. DISC. TRANS.
T101 1ST I-F TRANS.
CHANNEL SWITCH
V118 6AL5 SOUND DISC.
D-4888
GREEN
J301
J302
BLACK
P101
SPEAKER CABLE
S105 CABINET INTERLOCK SWITCH
JEWEL LIGHT
ANTENNA TERMINAL BOARD

Model

TA169



Chassis Number

KCS 43

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75 - 4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8 - 1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic trimmer 50-75 μμf
C12	75199	Ceramic, 270 μμf
C13	75199	Ceramic, 270 μμf. See L12
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104	73748	Ceramic, 1500 μμf
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106		See T102
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	75344	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C110	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C111	73091	Mica, 270 μμf
C112	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C113		See T103
C114		See T110
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119	45469	Ceramic, 100 μμf
C120		See T105
C121	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C122	73091	Mica, 270 μμf
C123	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C124	73748	Ceramic, 1500 μμf
C125	39396	Ceramic, 100 μμf
C126	53511	Ceramic, 10 μμf
C127	73747	Electrolytic, 2 μf - 50 volts
C128	73748	Ceramic, 1500 μμf
C129		See L105
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C131	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C132	75218	Electrolytic (Sec. A, B, C) comprising 1 section of 10 μf - 350 volts, 1 section of 5 μf - 350 volts, and 1 section of 150 μf - 50 volts
C133	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C134	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C135	74726	Mica, 39 μμf
C136	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C141	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C142	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C143	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C144	75247	Mica, 75 μμf
C145	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C146	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C147	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C148	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C149	75248	Mica, 220 μμf
C150	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C151	75249	Tubular, moulded paper, oil-impregnated, .001 μf - 600 volts
C152	74250	Mica, 560 μμf
C153	73560	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C154	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C155		See L109
C156	73596	Tubular, moulded paper, oil-impregnated, .033 μf - 1000 volts
	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C157	75345	Tubular, moulded paper, oil-impregnated, .027 μf - 600 volts
C158	75250	Tubular, moulded paper, mineral oil-impregnated, .00025 μf - 12,500 volts
C159	73798	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C160	75219	Electrolytic (Sec. A, B, C, D) comprising 1 section of 10 μf - 450 volts, 1section of 100 μf - 350 volts, 1 section of 10 μf - 350 volts, and 1 section of 20 μf - 25 volts
C161	75220	Electrolytic, 150 μf - 200 volts
C162	75220	Electrolytic, 150 μf - 200 volts
C163	75071	Tubular, moulded paper, .047 μf - 600 volts
C164	75071	Tubular, moulded paper, .047 μf - 600 volts
C165	73748	Ceramic, 1500 μμf
C166	75166	Ceramic, 1500 μμf
C167		See T110
C168	75166	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171		See T111
C172	75244	Ceramic, 270 μμf
C173	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C174	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C175	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C176	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C177	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C178	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C179	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C180		See L109
C181	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C182	73473	Ceramic, 5000 μμf
C183	73473	Ceramic, 5000 μμf
C184	73748	Ceramic, 1500 μμf
C185	73748	Ceramic, 1500 μμf
C186	73748	Ceramic, 1500 μμf
C187	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C188	73094	Mica, 390 μμf
C189	73473	Ceramic, 5000 μμf
C190	75166	Ceramic, 1500 μμf
C191	75166	Ceramic, 1500 μμf
C192	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C193	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73924	Ceramic, 56 μμf
C197	73960	Ceramic, 10,000 μμf
C199	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C200		See T200, L200
C201		See T200, L200
C202		See T200, L203
C203	75437	Ceramic, 100 μμf
	75450	Ceramic, 39 μμf
		FUSE
F101	73600	0.25 amp fuse, 250 volts
		CONNECTORS
J101	5039	3 contact male connector
J102	35787	Single contact phono input connector
J200	38853	See T200 4 contact female connector for antenna transformer

Symbol	Stock No.	Description
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer (tuner) incl. L47, C9
L48	75183	Trimmer (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Filament choke coil
L102	75210	Fifth picture IF coil complete with adjustable core
L103	75299	Peaking coil
L104	75253	Peaking coil
L105	75251	4.5 mc trap incl. L105, C129
L106	75252	Peaking coil
L107	71793	Peaking coil
L108	75613	Peaking coil
L109	75204	Deflection yoke incl. L109, L110, L111, L112, C155, C180
L110		See L109
L111		See L109
L112		See L109
L113	71449	Horizontal linearity coil
L114	73154	Filter for Model 2T51
L115	73477	Filament choke coil
L116	75613	Peaking coil
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap incl. L203, C203
		CONNECTORS
P101	5040	4 contact female connector for speaker cable for Model 2T60
	5119	3 contact female connector for speaker cable for Model 2T51

Symbol	Stock No.	Description
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		33,000 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		1000 ohms, ±20%, ½ watt
R103		33,000 ohms, ±10%, ½ watt
R104		120 ohms, ±10%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		1000 ohms, ±20%, ½ watt
R107		8200 ohms, ±5%, ½ watt
R108		120 ohms, ±10%, ½ watt
R109		47,000 ohms, ±20%, ½ watt
R110		12,000 ohms, ±5%, 1 watt
R111		4700 ohms, ±10%, 1 watt
R112		470,000 ohms, ±10%, ½ watt
R113		82 ohms, ±10%, ½ watt
		470,000 ohms, ±10%, ½ watt
R114		33,000 ohms, ±20%, ½ watt
R115		1800 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		180 ohms, ±10%, ½ watt
R118		1000 ohms, ±20%, ½ watt
R119		18,000 ohms, ±10%, ½ watt
R120		6800 ohms, ±10%, 1 watt
R121		820,000 ohms, ±10%, ½ watt
R122		100,000 ohms, ±10%, 1 watt
R123		18,000 ohms, ±10%, ½ watt
R124		33,000 ohms, ±20%, ½ watt
R125		150,000 ohms, ±20%, ½ watt
R126		5600 ohms, ±5%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128		220 ohms, ±10%, ½ watt
R129	75216	Picture and brightness control R129, R134
R130		560,000 ohms, ±10%, ½ watt
R131		4700 ohms, ±5%, ½ watt
R132		82,000 ohms, ±10%, ½ watt
R133		15,000 ohms, ±10%, ½ watt
R134		See R129
R135		6800 ohms, ±10%, 2 watts
R136		390,000 ohms, ±10%, ½ watt
R137		4700 ohms, ±10%, ½ watt
R138		47,000 ohms, ±10%, ½ watt
R139		33,000 ohms, ±10%, 2 watts
R140		10,000 ohms, ±10%, ½ watt
R141		2200 ohms, ±20%, ½ watt
R142		22,000 ohms, ±10%, ½ watt
R143		12,000 ohms, ±10%, ½ watt
R144		1.2 megohms, ±10%, 1 watt
R145		22,000 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147		8200 ohms, ±10%, ½ watt
R148		470,000 ohms, ±10%, ½ watt
R149	75215	Horizontal and vertical hold control R149, R168
R150		27,000 ohms, ±10%, 1 watt
R151		2.2 megohms, ±20%, ½ watt
R152		1.5 megohms, ±10%, ½ watt
R153	71440	Height control
R154		56,000 ohms, ±10%, ½ watt
R155		10,000 ohms, ±5%, 1 watt
R156		2.2 megohms, ±10%, ½ watt
R157	71441	Vertical linearity control
R158		470 ohms, ±20%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		1 megohm, ±20%, ½ watt
R161		150,000 ohms, ±10%, ½ watt
R162		330,000 ohms, ±5%, ½ watt
R163		820,000 ohms, ±10%, ½ watt
R164		330,000 ohms, ±5%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		3900 ohms, ±10%, ½ watt
R167		100,000 ohms, ±10%, 1 watt
R168		See R149
R169		22,000 ohms, ±10%, 1 watt
R170		220,000 ohms, ±5%, 1 watt
R171		12,000 ohms, ±5%, ½ watt
R172	72067	Wire wound, 5.1 ohms, ½ watt
R173		82,000 ohms, ±10%, 2 watts
R174		470,000 ohms, ±10%, ½ watt
R175		47 ohms, ±20%, ½ watt
R176		220 ohms, ±10%, 2 watts
R177		6800 ohms, ±10%, 2 watts
R178	74945	Width control
R179		1 megohm, ±20%, 1 watt
R180		2200 ohms, ±20%, 1 watt
R181		5600 ohms, ±10%, 2 watts
R182		100,000 ohms, ±20%, 1 watt
R183		82 ohms, ±10%, ½ watt
		470,000 ohms, ±10%, ½ watt
R184		27,000 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt

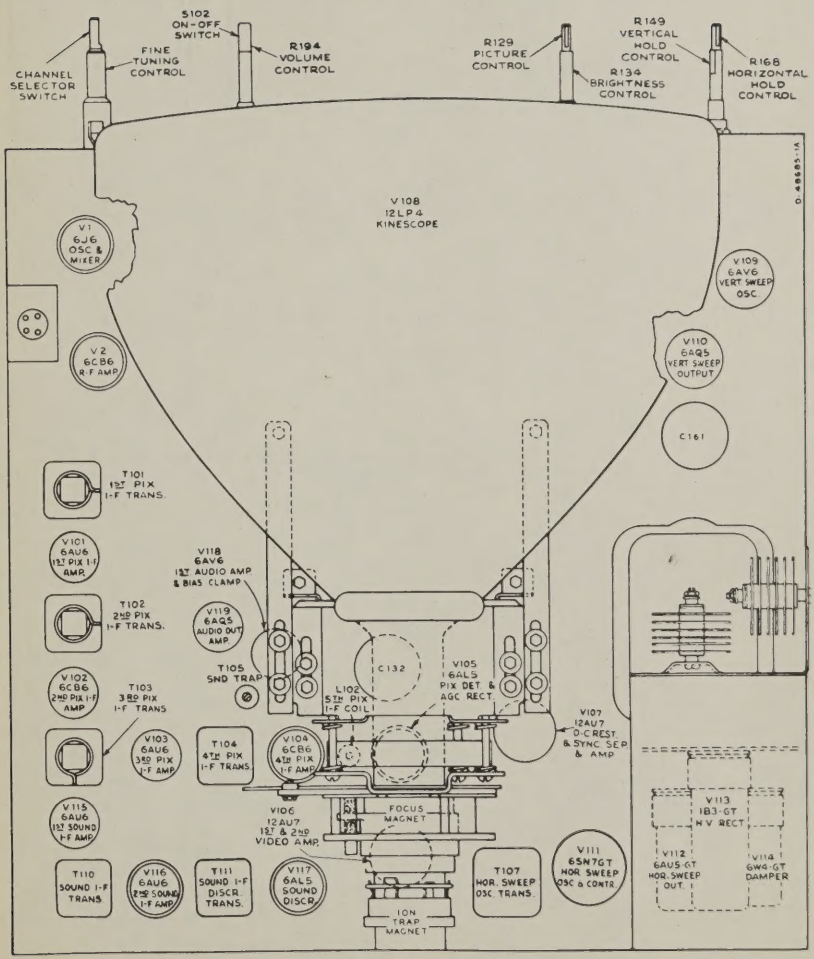
Symbol	Stock No.	Description
R186		See T110
R187		56,000 ohms, ±10%, ½ watt
R188		56,000 ohms, ±10%, ½ watt
R189		8200 ohms, ±10%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R193		47,000 ohms, ±10%, ½ watt
R194	75237	Volume control and power switch R194, S102
R195		10 megohms, ±20%, ½ watt
R196		330,000 ohms, ±10%, ½ watt
R197		470,000 ohms, ±10%, ½ watt
R198		330 ohms, ±10%, 1 watt
R199		330 ohms, ±10%, 1 watt
R200		68,000 ohms, ±20%, ½ watt
R201		68,000 ohms, ±20%, ½ watt
R202		39,000 ohms ±10%, 1 watt
R203		270,000 ohms, ±10%, ½ watt
R204		1 megohm, ±10%, ½ watt
R205		100 ohms, ±20%, ½ watt
R206		100 ohms, ±20%, ½ watt
R207		6800 ohms, ±20%, 2 watts
R208		2.2 megohms, ±20%, ½ watt
R209		18,000 ohms, ±10%, ½ watt
R210		18,000 ohms, ±10%, 2 watts
R211		18,000 ohms, ±10%, 2 watts
R212		18,000 ohms, ±10%, 1 watt
R213		4.7 megohms, ±10%, ½ watt
R214		56,000 ohms, ±10%, ½ watt
R215		680,000 ohms, ±10%, ½ watt
R216		1000 ohms, ±20%, ½ watt
R217		47,000 ohms, ±10%, ½ watt
R218		390,000 ohms, ±10%, ½ watt
R219		680 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S102		See R194
S103	33491	TV phono switch
S105	75629	AGC switch
		RECTIFIERS
SR101	75221	Selenium rectifier
SR102	75221	Selenium rectifier
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C106
T103	75209	Third picture IF transformer incl. T103, C113
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C120
T106	75208	Vertical output transformer
T107	75213	Horizontal oscillator transformer
T108	75240	High voltage transformer
T109	75207	Power transformer 117 volts, 60 cycle
T110	75211	Sound IF transformer incl. T110, C114, C167, R186
T111	75212	Sound discriminator transformer incl. T111, C169, C170, C171
T112	71419	Sound output transformer 2T51
T200	75520	Sound output transformer 2T60
	75214	Antenna matching transformer complete with antenna connector IF and FM traps and antenna shunt coil for Model 2T60: T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	75509	Antenna matching transformer complete with antenna connector IF and FM traps and antenna shunt coil for Model 2T51: T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

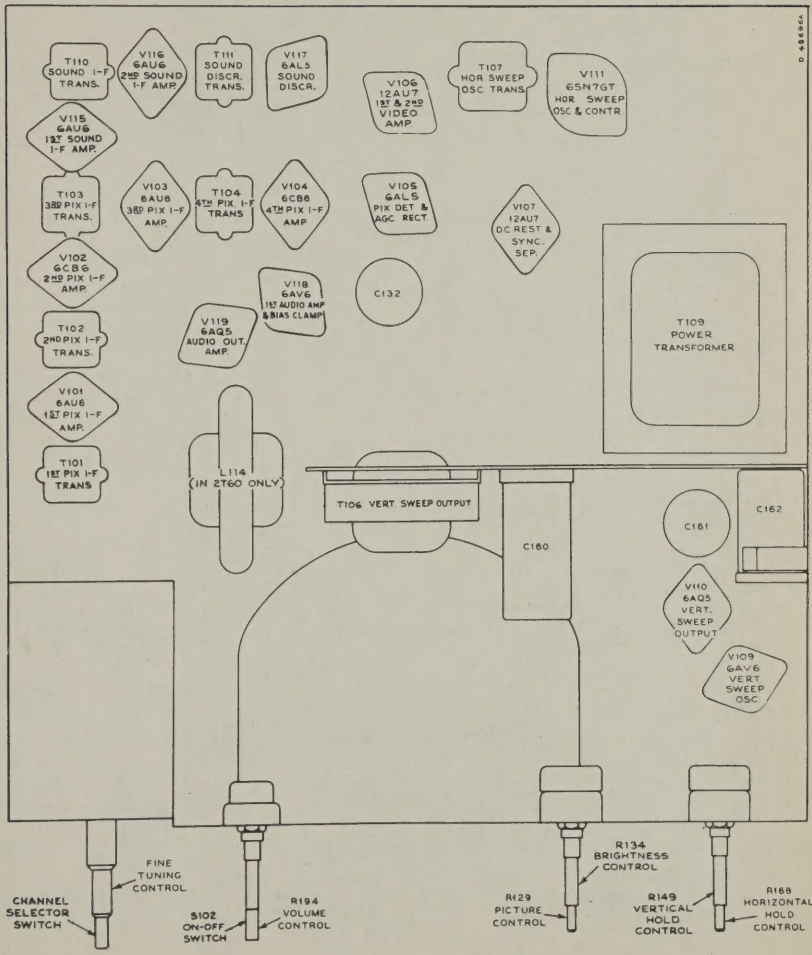
SECTION II

Parts Without Circuit-Symbol Numbers

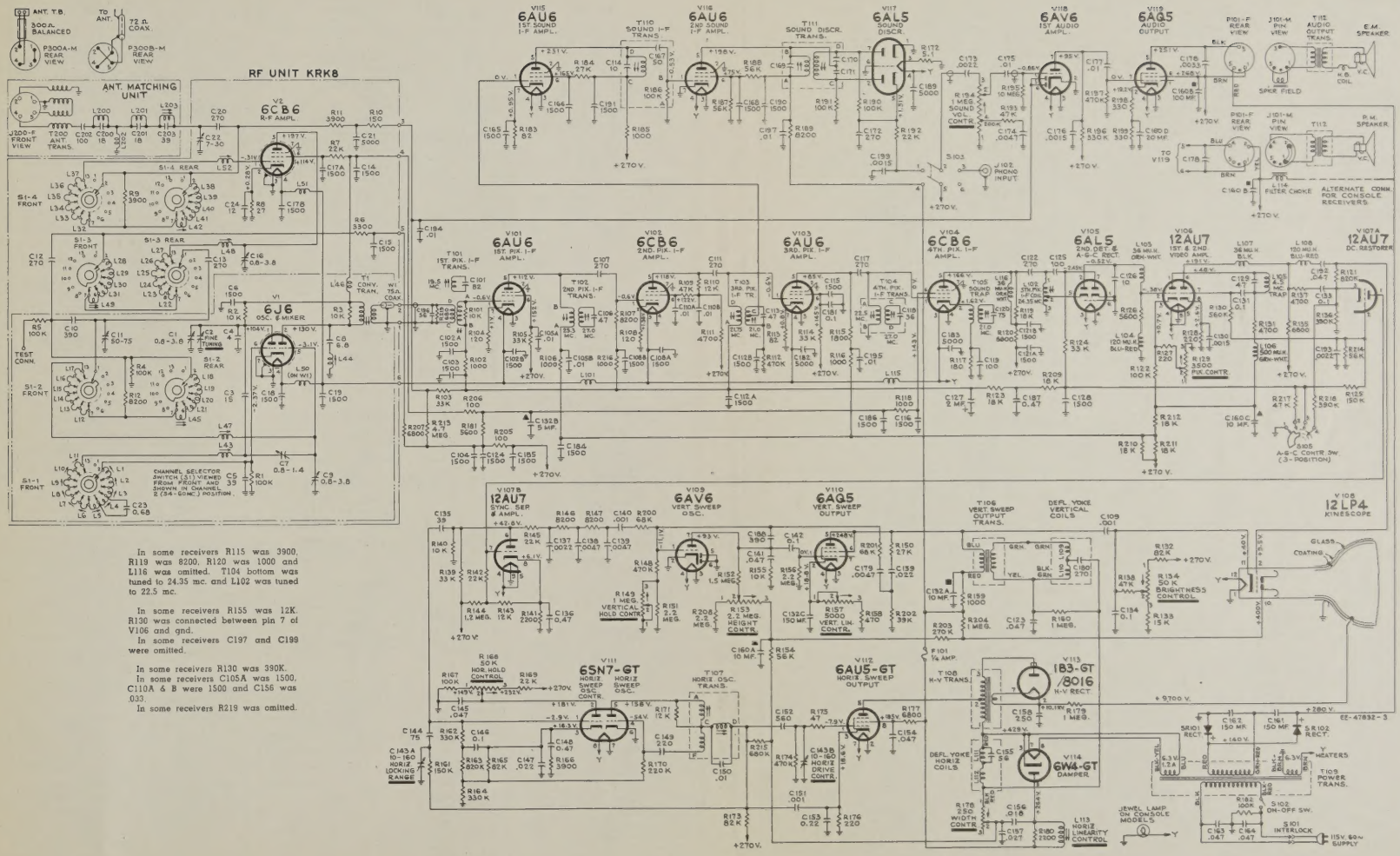
Stock No.	Description
	SPEAKER ASSEMBLIES 970773-2 RL 116-2 (For Model 2T51)
74316	Connector—3 contact male connector for speaker
X3128	Cloth—Speaker grille cloth
75628	Speaker—5" x 7" EM speaker complete with cone and voice coil (3.2 ohms) less output transformer and plug
71419	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92580-4W RL 105C8 (For Model 2T60)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	NOTE: If stamping on speaker in instruments does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
10705	Ball—Steel ball for detent (5/32 dia.)
75502	Back—Cabinet back complete with power cord and terminal board for Model 2T60
75472	Back—Cabinet back complete with power cord and terminal board for Model 2T51
75473	Board—"Ant" terminal board
75235	Board—High-voltage shield terminal board (3 contact)
75188	Board—Terminal board, 5 contact and ground
75229	Bracket—Focus magnet mounting bracket—lower
75228	Bracket—Focus magnet mounting bracket—upper
75230	Bracket—Kinescope mounting bracket—on front apron of chassis
71599	Bracket—Pilot lamp bracket (Model 2T60)
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap for Model 2T60
75224	Clip—Mounting clip for electrolytic C161, C162
73643	Clip—Spring clip for channel marker escutcheon
75167	Clip—Tubular clip for mounting stand-off capacitors
75167	Clip—Tubular clip for mounting stand-off capacitor C5
X3123	Cloth—Grille cloth for mahogany or walnut instruments (Model 2T60)
71789	Connector—Anode connector
74594	Connector—2 contact male connector for power
39153	Connector—4 contact male connector for antenna interconnecting cable
75474	Connector—Single contact male connector for antenna interconnecting cable (2 required)
71457	Cord—Power cord and plug
71498	Core—Adjustable core and stud for FM trap L203
75187	Core—Adjustable core for fine tuning capacitor C2
72772	Cover—Insulating cover for electrolytics C161, C162
75470	Cushion—Rubber cushion for back of safety glass (2 required)
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
75471	Cushion—Rubber cushion for front of safety glass (Model 2T51)
74891	Cushion—Vinylite cushion (35") for masking panel
75479	Decal—Control function decal for mahogany or walnut instruments (Model 2T60)
75480	Decal—Control function decal for oak instruments (Model 2T60)
75467	Decal—Control function decal (Model 2T51)
75162	Detent—Detent mechanism and fibre shaft

Continued on page 132, column 1


S102 ON-OFF SWITCH
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
R194 VOLUME CONTROL
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R134 BRIGHTNESS CONTROL
R168 HORIZONTAL HOLD CONTROL
V108 12LP4 KINESCOPE
V1 6J6 OSC & MIXER
V2 6CB6 R-F AMP.
V109 6AV6 VERT SWEEP OSC
V110 6AQ5 VERT SWEEP OUTPUT
C161
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP
T103 3RD PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
V115 6AU6 1ST SOUND I-F AMP.
T110 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F DISCR TRANS.
V117 6AL5 SOUND DISCR.
V118 6AV6 1ST AUDIO AMP & BIAS CLAMP
V119 6AQ5 AUDIO OUT AMP.
T105 SND TRAP
C132
L102 5TH PIX I-F COIL
V105 6AL5 PIX DET & AGC RECT.
V107 12AU7 D-C REST. & SYNC. SEP & AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V106 12AU7 1ST & 2ND VIDEO AMP.
FOCUS MAGNET
ION TRAP MAGNET
T107 HOR. SWEEP OSC. TRANS.
V111 6SN7GT HOR SWEEP OSC & CONTR
V113 1B3-GT H.V. RECT.
V112 6AU5-GT HOR. SWEEP OUT.
V114 6W4-GT DAMPER
0 46685-1A


T110 SOUND 1-F TRANS.
V116 6AU6 2ND SOUND 1-F AMP.
T111 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V106 12AU7 1ST & 2ND VIDEO AMP
T107 HOR SWEEP OSC TRANS.
V111 6SN7GT HOR SWEEP OSC & CONTR.
V115 6AU6 1ST SOUND 1-F AMP.
T103 3RD PIX 1-F TRANS.
V103 6AU6 3RD PIX 1-F AMP.
T104 4TH PIX 1-F TRANS
V104 6CB6 4TH PIX 1-F AMP
V105 6AL5 PIX DET & AGC RECT.
V107 12AU7 DC REST & SYNC. SEP.
V102 6CB6 2ND PIX 1-F AMP.
V118 6AV6 1ST AUDIO AMP & BIAS CLAMP
C132
T109 POWER TRANSFORMER
T102 2ND PIX 1-F TRANS.
V119 6AQ5 AUDIO OUT. AMP.
V101 6AU6 1ST PIX 1-F AMP.
T101 1ST PIX 1-F TRANS
L114 (IN 2T60 ONLY)
T106 VERT. SWEEP OUTPUT
C160
C161
C162
V110 6AQ5 VERT. SWEEP OUTPUT
V109 6AV6 VERT SWEEP OSC
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S102 ON-OFF SWITCH
R194 VOLUME CONTROL
R134 BRIGHTNESS CONTROL
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R168 HORIZONTAL HOLD CONTROL

Model
2T51
Shelby
2T60
Cumberland



In some receivers R115 was 3900, R119 was 8200, R120 was 1000 and L116 was omitted. T104 bottom was tuned to 24.35 mc. and L102 was tuned to 22.5 mc.

In some receivers R155 was 12K. R130 was connected between pin 7 of V106 and gnd.

In some receivers C197 and C199 were omitted.

In some receivers R130 was 390K.

In some receivers C105A was 1500. C110A & B were 1500 and C156 was .033.

In some receivers R219 was omitted.

Chassis Number
KCS 45
KCS 45A

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104	73748	Ceramic, 1500 μμf
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106		See T102
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	75344	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C110	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C111	73091	Mica, 270 μμf
C112	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C113		See T103
C114		See T110
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119	45469	Ceramic, 100 μμf
C120		See T105
C121	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C122	73091	Mica, 270 μμf
C123	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C124	73748	Ceramic, 1500 μμf
C125	39396	Ceramic, 100 μμf
C126	53511	Ceramic, 10 μμf
C127	73747	Electrolytic, 2 μf - 50 volts
C128	73748	Ceramic, 1500 μμf
C129		See L105
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C131	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C132	75218	Electrolytic (Sec. A, B, C) comprising 1 section of 10 μf - 350 volts, 1 section of 5 μf - 350 volts, and 1 section of 150 μf - 50 volts
C133	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C134	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C135	74726	Mica, 39 μμf
C136	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73801	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C141	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C142	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C143	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C144	75247	Mica, 75 μμf
C145	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C146	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C147	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C148	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C149	75248	Mica, 220 μμf
C151	75249	Tubular, moulded paper, oil-impregnated, .001 μf - 600 volts
C152	74250	Mica, 560 μμf
C153	73560	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C154	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C155		See L109
C156	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C157	75345	Tubular, moulded paper, oil-impregnated, .027 μf - 600 volts
C158	75250	Tubular, moulded paper, mineral oil-impregnated, .00025 μf - 12,500 volts
C159	73798	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C160	75219	Electrolytic (Sec. A, B, C) comprising 1 section of 10 μf - 450 volts, 1 section of 100 μf - 350 volts, 1 section of 10 μf - 350 volts, and 1 section of 20 μf - 25 volts **NOTE:** 20 μf - 25 volts section not used
C161	75220	Electrolytic, 150 μf - 200 volts
C162	75220	Electrolytic, 150 μf - 200 volts
C163	75071	Tubular, moulded paper, .047 μf - 400 volts
C164	75071	Tubular, moulded paper, .047 μf - 400 volts
C165	73748	Ceramic, 1500 μμf
C166	75166	Ceramic, 1500 μμf
C167		See T110
C168	75166	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171		See L1
C172	75244	Ceramic, 270 μμf
C179	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C180		See L109
C181	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C182	73473	Ceramic, 5000 μμf
C183	73473	Ceramic, 5000 μμf
C184	73748	Ceramic, 1500 μμf
C185	73748	Ceramic, 1500 μμf
C186	73748	Ceramic, 1500 μμf
C187	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C188	73094	Mica, 390 μμf
C189	73473	Ceramic, 5000 μμf
C190	75166	Ceramic, 1500 μμf
C191	75166	Ceramic, 1500 μμf
C192	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C193	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	71924	Ceramic, 56 μμf
C197	73960	Ceramic, 10,000 μμf
C199	73801	Tubular, paper, oil-impregnated .001 μf - 600 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
		FUSE
F101	73600	0.25 amp fuse 250 volts
		CONNECTOR
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws and capacitors; S1-1, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor and resistor; S1-3; C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Filament choke coil
L102	75210	Fifth picture IF coil complete with adjustable core
L103	75299	Peaking coil
L104	75253	Peaking coil
L105	75251	4.5 mc trap L105, C129
L106	75252	Peaking coil
L107	71793	Peaking coil
L108	75253	Peaking coil
L109	75204	Deflection yoke L109, L110, L111, L112, C155, C180
L110		See L109
L111		See L109
L112		See L109
L113	71449	Horizontal linearity coil
L114	73154	Filter choke
L115	73477	Filament choke coil
L116	76011	Peaking coil
L200	75242	IF trap L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203

RESISTORS—FIXED COMPOSITION
(Unless otherwise specified)

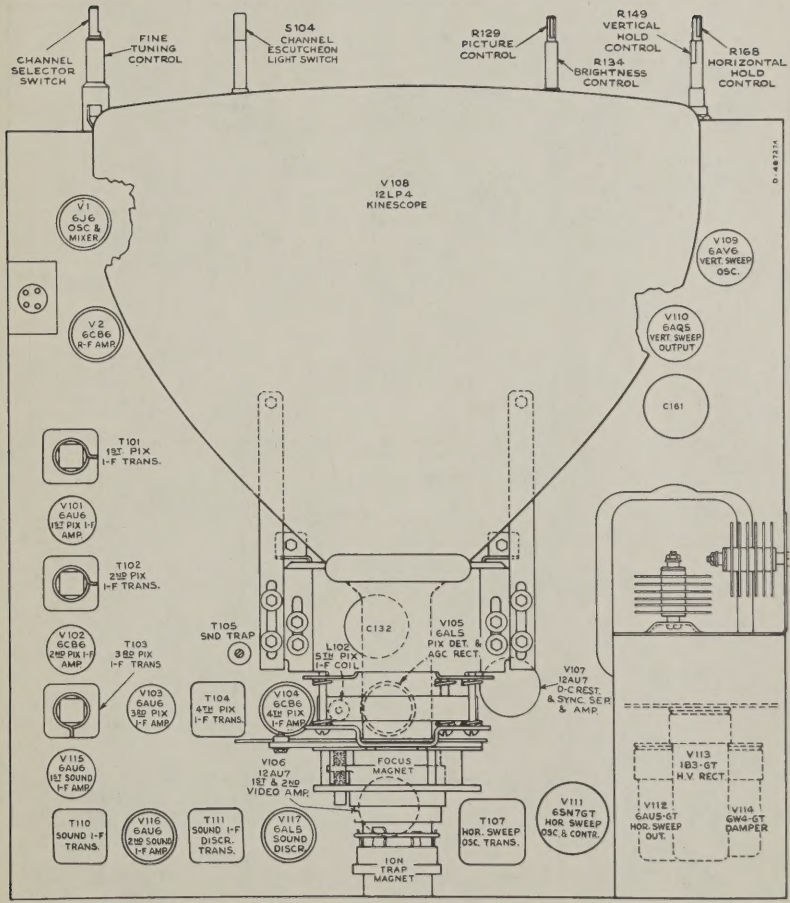
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, 1 watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±10%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		1000 ohms, ±20%, ½ watt
R103		33,000 ohms, ±10%, ½ watt
R104		120 ohms, ±10%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		1000 ohms, ±20%, ½ watt
R107		8200 ohms, ±5%, ½ watt
R108		120 ohms, ±10%, ½ watt
R109		47,000 ohms, ±20%, ½ watt
R110		12,000 ohms, ±5%, 1 watt
R111		4700 ohms, ±10%, 1 watt
R112		470,000 ohms, ±10%, ½ watt
R113		82 ohms, ±10%, ½ watt
R114		33,000 ohms, ±20%, ½ watt
R115		1800 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		180 ohms, ±10%, ½ watt
R118		1000 ohms, ±20%, ½ watt
R119		18,000 ohms, ±10%, ½ watt
R120		6800 ohms, ±10%, ½ watt
R121		820,000 ohms, ±10%, ½ watt
R122		100,000 ohms, ±10%, 1 watt
R123		18,000 ohms, ±10%, ½ watt
R124		33,000 ohms, ±20%, ½ watt
R125		150,000 ohms, ±20%, ½ watt
R126		5600 ohms, ±5%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128		220 ohms, ±10%, ½ watt
R129	75216	Picture and brightness control R129, R134
R130		560,000 ohms, ±10%, ½ watt
R131		4700 ohms, ±5%, ½ watt
R132		82,000 ohms, ±10%, ½ watt
R133		15,000 ohms, ±10%, ½ watt
R134		See R129
R135		6800 ohms, ±10%, 2 watts
R136		390,000 ohms, ±10%, ½ watt
R137		4700 ohms, ±10%, ½ watt
R138		47,000 ohms, ±10%, ½ watt
R139		33,000 ohms, ±10%, 2 watts
R140		10,000 ohms, ±10%, ½ watt
R141		2200 ohms, ±20%, ½ watt
R142		22,000 ohms, ±10%, ½ watt
R143		12,000 ohms, ±10%, ½ watt
R144		1.2 megohms, ±10%, 1 watt
R145		22,000 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147		8200 ohms, ±10%, ½ watt
R148		470,000 ohms, ±5%, ½ watt
R149	75215	Horizontal and vertical hold control R149, R168
R150		27,000 ohms, ±10%, 1 watt
R151		2.2 megohms, ±20%, ½ watt
R152		1.5 megohms, ±10%, ½ watt
R153	71440	Height control
R154		56,000 ohms, ±10%, ½ watt
R155		10,000 ohms, ±5%, ½ watt
R156		2.2 megohms, ±10%, ½ watt
R157	71441	Vertical linearity control
R158		470 ohms, ±20%, ½ watt
R159		1000 ohms, ±10%, ½ watt
R160		1 megohm, ±20%, ½ watt
R161		150,000 ohms, ±10%, ½ watt
R162		330,000 ohms, ±5%, ½ watt
R163		820,000 ohms, ±10%, ½ watt
R164		330,000 ohms, ±5%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		3900 ohms, ±10%, ½ watt
R167		100,000 ohms, ±10%, 1 watt
R168		See R149
R169		22,000 ohms, ±10%, 1 watt
R170		220,000 ohms, ±5%, 1 watt
R171		12,000 ohms, ±5%, ½ watt
R172	72067	Wire wound, 5.1 ohms, ½ watt
R173		82,000 ohms, ±10%, 1 watt
R174		470,000 ohms, ±10%, ½ watt
R175		47 ohms, ±20%, ½ watt
R176		220 ohms, ±10%, 2 watts
R177		6800 ohms, ±10%, 2 watts
R178	74945	Width control
R179		1 megohm, ±20%, 1 watt
R180		2200 ohms, ±20%, ½ watt
R181		3600 ohms, ±10%, 2 watts
R182		100,000 ohms, ±20%, 1 watt
R183		82 ohms, ±10%, ½ watt
R184		27,000 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		See T110
R187		56,000 ohms, ±10%, ½ watt
R188		56,000 ohms, ±10%, ½ watt
R189		8200 ohms, ±10%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R200		68,000 ohms, ±20%, ½ watt
R201		68,000 ohms, ±20%, ½ watt
R202		39,000 ohms, ±10%, 1 watt
R203		270,000 ohms, ±10%, ½ watt
R204		1 megohm, ±10%, ½ watt
R205		100 ohms, ±20%, ½ watt
R206		100 ohms, ±20%, ½ watt
R207		6800 ohms, ±20%, 2 watts
R208		2.2 megohms, ±20%, ½ watt
R209		18,000 ohms, ±10%, ½ watt
R210		18,000 ohms, ±10%, 2 watts
R211		18,000 ohms, ±10%, 2 watts
R212		18,000 ohms, ±10%, 1 watt
R213		4.7 megohms, ±10%, ½ watt
R214		56,000 ohms, ±10%, ½ watt
R215		680,000 ohms, ±10%, ½ watt
R216		1000 ohms, ±20%, ½ watt
R217		47,000 ohms, ±10%, ½ watt
R218		390,000 ohms, ±10%, ½ watt
R219		680 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75590	Indicator light switch
S105	75629	AGC switch
		RECTIFIERS
SR101	75221	Selenium rectifier
SR102	75221	Selenium rectifier
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C106
T103	75209	Third picture IF transformer incl. T103, C113
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C120
T106	75208	Vertical output transformer
T107	75213	Horizontal oscillator transformer
T108	75240	High-voltage transformer
T109	75207	Power transformer, 115 volt, 60 cycle
T110	75211	Sound IF transformer incl. T110, C114, C167, R186
T111	75212	Sound discriminator transformer incl. T111, C169, C170, C171
T200	75214	Antenna matching transformer complete, including antenna connector, IF traps and antenna shunt coil; T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

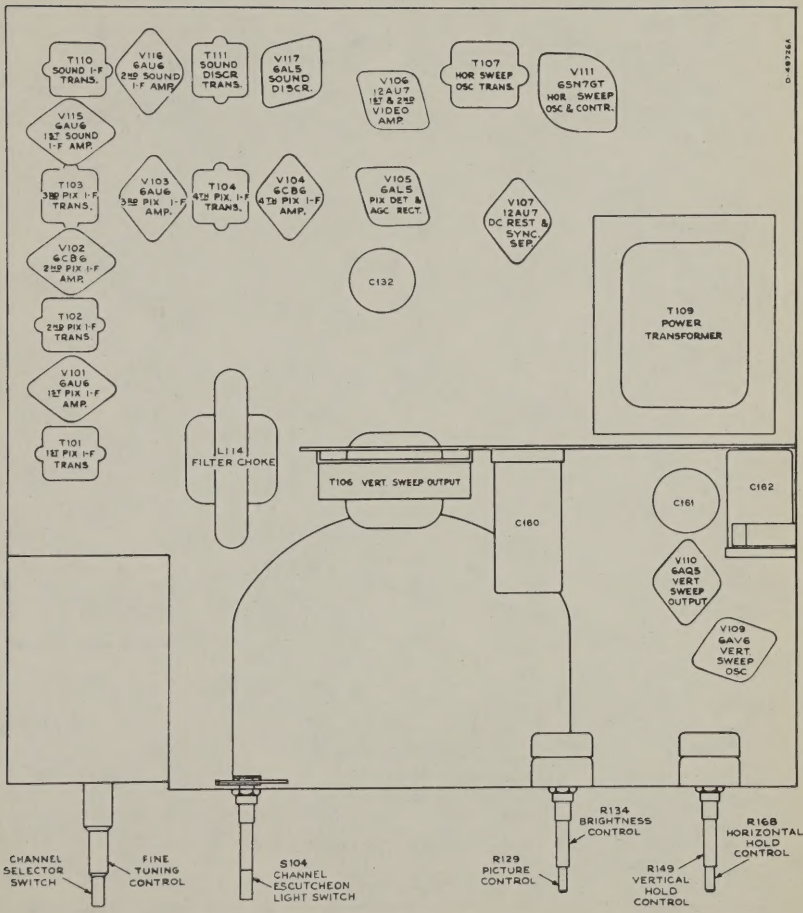
SECTION II

Parts Without Circuit-Symbol Numbers

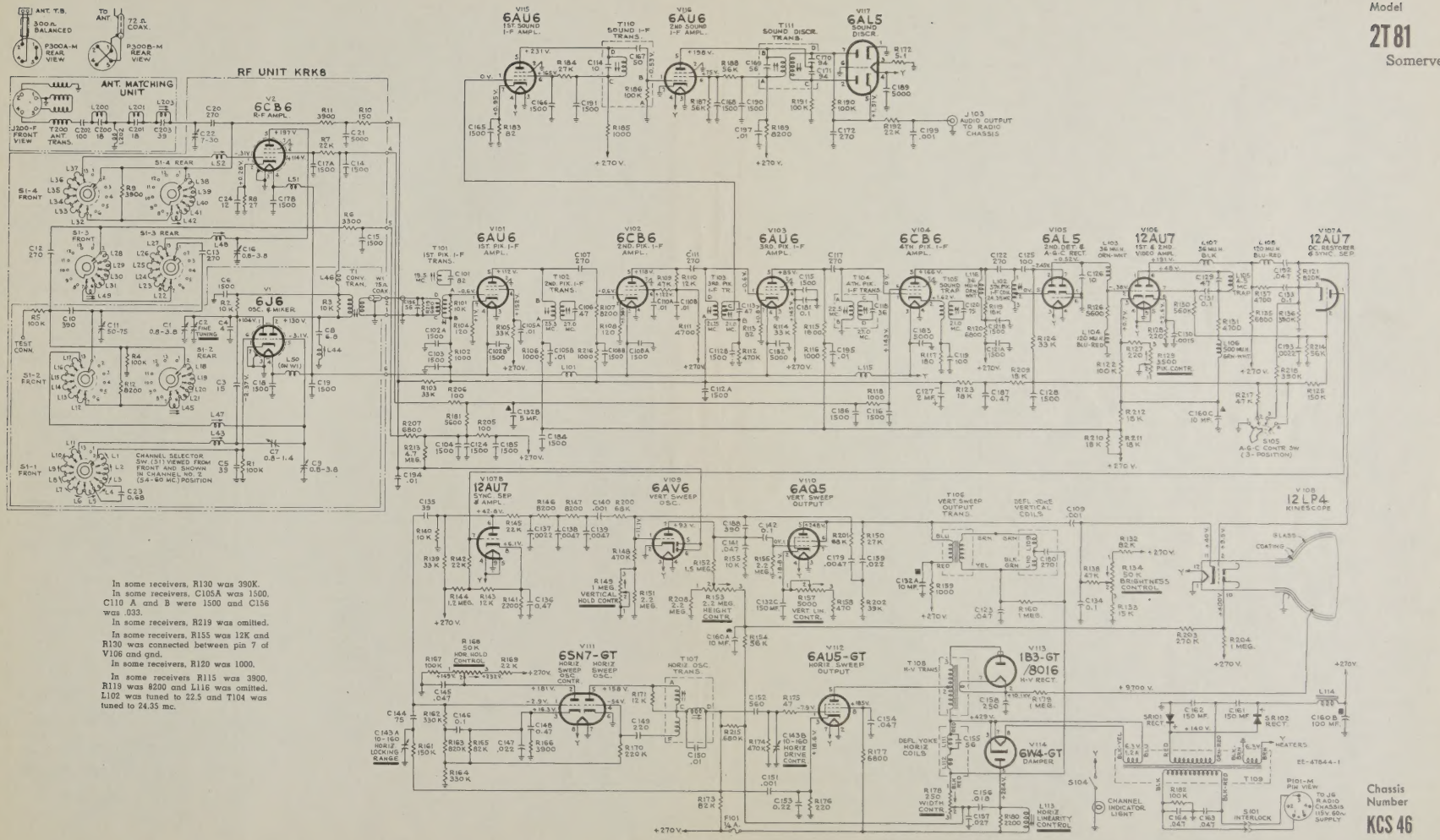
Stock No.	Description
	SPEAKER ASSEMBLY 92569-9W RMA 274 RL 111-14
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly
74974	Speaker—12" P.M. speaker (3.16 oz.) complete with cone and voice coil (3.2 ohms)
	SPEAKER ASSEMBLY 92569-9B
75875	Cone—Cone and voice coil assembly (3.2 ohms) NOTE: If stamping on speaker does not agree with above number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
75800	Back—Back cover complete with terminal board and power cord for television chassis
10705	Ball—Steel ball for detent (5/32 dia.)
75235	Board—High-voltage shield terminal board (3 contact)
75473	Board—Television antenna terminal board (2 contact)
75188	Board—Terminal board, 5 contact and ground
75228	Bracket—Focus magnet mounting bracket —upper
75229	Bracket—Focus magnet mounting bracket —lower
75591	Bracket—Indicator lamp bracket
75230	Bracket—Kinescope mounting bracket—on front apron of chassis
71599	Bracket—Pilot lamp bracket
75694	Bracket—Rollout mechanism stop bracket less rubber bumper
75067	Bracket—Vertical bracket for holding oscillator tube shield
75696	Bumper—Rubber bumper for rollout mechanism stop bracket
72447	Cable—Shielded audio cable complete with two (2) pin plugs
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for cabinet doors
75167	Clip—Tubular clip for mounting stand-off capacitor
75224	Clip—Mounting clip for electrolytic C161, C162
X3144	Cloth—Grille cloth for mahogany or walnut instruments
X3089	Cloth—Grille cloth for oak instruments
75703	Connector—3 contact male connector for television power cord assembly, less shell
39153	Connector—4 contact male connector for TV antenna cable
75474	Connector—Single contact male connector for TV antenna cable or for speaker
74882	Connector—2 contact (polarized) male connector for radio antenna loop cable
75709	Connector—8 contact female connector for main cable, less shell
75710	Connector—5 contact female connector for main cable, less shell
30868	Connector—2 contact female connector for main cable
35787	Connector—Single contact audio output connector
74594	Connector—2 contact male connector for power cable
71789	Connector—Anode connector
75702	Cord—Television power cord complete with two (2) contact female connector, less five (3) contact male connector
70392	Cord—Power cord and plug—part of main cable
71498	Core—Adjustable core and stud for FM trap L203
75187	Core—Adjustable core for fine tuning ca-
72772	Cover—Insulating cover for electrolytic C161, C162 pacitor C2
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
74891	Cushion—Vinylite cushion for masking panel
75640	Decal—Control function decal for mahogany or walnut instruments
75680	Decal—Control function decal for oak instruments
71984	Decal—Trade mark decal (RCA Victor)
74273	Decal—Trade mark decal (Victrola)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments
74839	Fastener—Push fastener to mount ceramic tube socket
73453	Form—Coil form for L45 and L49
75889	Glass—safety glass
74838	Grommet—Power cord strain relief (1 set)
37396	Grommet—Rubber grommet for mounting speaker (4 required)
37396	Grommet—Rubber grommet to mount ceramic tube socket
16058	Grommet—Rubber grommet for 2nd anode lead exit
74308	Hinge—Cabinet door hinge (1 set)
75206	Hood—Deflection yoke hood complete with cushions
75714	Knob—Function switch knob—maroon—for mahogany or walnut instruments
75715	Knob—Function switch knob—tan—for oak instruments
74959	Knob—Television fine tuning control knob —maroon—for mahogany or walnut instruments (outer)
73995	Knob—Television fine tuning control knob —tan—for oak instruments (outer)
73996	Knob—Television channel selector knob—maroon—for mahogany or walnut instruments (inner)
73997	Knob—Television channel selector knob—tan—for oak instruments (inner)
74962	Knob—Television brightness control of television vertical hold control knob—maroon —for mahogany or walnut instruments (outer)
73999	Knob—Television brightness control or television vertical hold control knob—tan—for oak instruments (outer)
74969	Knob—Television channel marker light switch knob—maroon—for mahogany or walnut instruments
74003	Knob—Television channel marker light switch knob—tan—for oak instruments
74963	Knob—Television picture control or television horizontal hold control knob—maroon—for mahogany or walnut instruments (inner)

Continued on page 132, column 3


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R134 BRIGHTNESS CONTROL
R168 HORIZONTAL HOLD CONTROL
V108 12LP4 KINESCOPE
V1 6J6 OSC & MIXER
V2 6CB6 R-F AMP
V109 6AV6 VERT. SWEEP OSC.
V110 6AQ5 VERT. SWEEP OUTPUT
C161
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP
T103 3RD PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T105 SND TRAP
C132
L102 5TH PIX I-F COIL
V105 6AL5 PIX DET. & AGC RECT.
V107 12AU7 D-C REST. & SYNC. SEP. & AMP.
V106 12AU7 1ST & 2ND VIDEO AMP.
FOCUS MAGNET
ION TRAP MAGNET
V111 6SN7GT HOR. SWEEP OSC. & CONTR.
T107 HOR. SWEEP OSC. TRANS.
V113 1B3-GT H.V. RECT.
V112 6AU5-GT HOR. SWEEP OUT.
V114 6W4-GT DAMPER
V115 6AU6 1ST SOUND I-F AMP.
T110 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F DISCR. TRANS.
V117 6AL5 SOUND DISCR.


T110 SOUND 1-F TRANS.
V116 6AU6 2ND SOUND 1-F AMP.
T111 SOUND DISCR TRANS.
V117 6AL5 SOUND DISCR.
V106 12AU7 1ST & 2ND VIDEO AMP.
T107 HOR SWEEP OSC TRANS.
V111 6SN7GT HOR SWEEP OSC & CONTR.
V115 6AU6 1ST SOUND 1-F AMP.
T103 3RD PIX 1-F TRANS.
V103 6AU6 3RD PIX 1-F AMP.
T104 4TH PIX 1-F TRANS.
V104 6CB6 4TH PIX 1-F AMP.
V105 6AL5 PIX DET & AGC RECT.
V107 12AU7 DC REST & SYNC. SEP.
V102 6CB6 2ND PIX 1-F AMP.
C132
T109 POWER TRANSFORMER
T102 2ND PIX 1-F TRANS
V101 6AU6 1ST PIX 1-F AMP.
T101 1ST PIX 1-F TRANS
L114 FILTER CHOKE
T106 VERT. SWEEP OUTPUT
C160
C161
C162
V110 6AQ5 VERT SWEEP OUTPUT
V109 6AV6 VERT. SWEEP OSC.
R134 BRIGHTNESS CONTROL
R168 HORIZONTAL HOLD CONTROL
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH

Model
2T81
Somervell


ANT. T.B.
300 Ω. BALANCED
TO ANT
72 Ω. COAX.
P300A-M REAR VIEW
P300B-M REAR VIEW
RF UNIT KRK8
ANT. MATCHING UNIT
J200-F FRONT VIEW
T200 ANT. TRANS.
V2 6CB6 R-F AMPL.
S1-4 REAR
S1-4 FRONT
S1-3 FRONT
S1-3 REAR
S1-2 REAR
S1-2 FRONT
S1-1 FRONT
V1 6J6 OSC. & MIXER
TEST CONN.
T1 CONV. TRAN.
W1 15A. COAX.
CHANNEL SELECTOR SW. (3) VIEWED FROM FRONT AND SHOWN IN CHANNEL NO. 7 (54-90 MC.) POSITION
V115 6AU6 1ST. SOUND I-F AMPL.
T110 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMPL.
T111 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
J103 AUDIO OUTPUT TO RADIO CHASSIS
+270 V.
V101 6AU6 1ST PIX. I-F AMPL.
T101 1ST PIX. I-F TRANS.
T102 2ND PIX. I-F TRANS.
V102 6CB6 2ND. PIX. I-F AMPL.
T103 3RD PIX. I-F TR.
V103 6AU6 3RD. PIX. I-F AMPL.
T104 4TH. PIX. I-F TRANS.
V104 6CB6 4TH. PIX. I-F
V105 6AL5 2ND. DET. & A-G-C RECT.
V106 12AU7 1ST & 2ND. VIDEO AMPL.
V107A 12AU7 DC. RESTORER & SYNC. SEP.
V107B 12AU7 SYNC. SEP & AMPL.
V108 6AV6 VERT. SWEEP OSC.
V109 12LP4 KINESCOPE
V110 6AQ5 VERT. SWEEP OUTPUT
T105 VERT. SWEEP OUTPUT TRANS.
DEFL. YOKE VERTICAL COILS
V111 6SN7-GT HORIZ SWEEP GEN. & HORIZ SWEEP OSC.
T107 HORIZ. OSC. TRANS.
V112 6AU5-GT HORIZ SWEEP OUTPUT
T108 H-V TRANS
V113 1B3-GT /8016 H-V RECT.
V114 6W4-GT DAMPER
DEFL. YOKE HORIZ. COILS
S101 INTERLOCK
S102 RECT.
S103 A-G-C CONTR. 3W (3-POSITION)
S104 CHANNEL INDICATOR LIGHT
HEATERS
TO J16 RADIO CHASSIS 115V. 60~ SUPPLY

In some receivers, R130 was 390K.
In some receivers, C105A was 1500, C110 A and B were 1500 and C156 was .033.
In some receivers, R219 was omitted.
In some receivers, R155 was 12K and R130 was connected between pin 7 of V106 and gnd.
In some receivers, R120 was 1000.
In some receivers R115 was 3900, R119 was 8200 and L116 was omitted. L102 was tuned to 22.5 and T104 was tuned to 24.35 mc.

Chassis Number
KCS 46

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75 - 4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning —plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65 - 1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104	73748	Ceramic, 1500 μμf
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106		See T102
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	75344	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C110	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C111	73091	Mica, 270 μμf
C112	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C113		See T103
C114		See T110
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See L104
C119	45469	Ceramic, 100 μμf
C120		See T105
C121	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C122	73091	Mica, 270 μμf
C123	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C124	73748	Ceramic, 1500 μμf
C125	39396	Ceramic, 100 μμf
C126	53511	Ceramic, 390 μμf
C127	73747	Electrolytic, 2 μf - 50 volts
C128	73748	Ceramic, 1500 μμf
C129		See L105
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C132	76142	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 350 volts, 1 section of 5 μf - 350 volts, and 1 section of 150 μf - 50 volts
C133	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C134	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C135	74726	Mica, 39 μμf
C136	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73599	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C141	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C144	75247	Mica, 75 μμf
C145	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C146	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C147	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C148	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C149	75248	Mica, 220 μμf
C150	73594	Moulded paper, oil-impregnated, .01 μf - 600 volts
C151	75249	Tubular, moulded paper, oil-impregnated, .001 μf - 600 volts
C152	74250	Mica, 560 μμf
C153	73560	Tubular, paper, oil-impregnated, 0.22 μf - 200 volts
C154	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C155		See L109
C156	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C157	73815	Tubular, moulded paper, oil-impregnated, .027 μf - 1000 volts
C158	75250	Tubular, moulded paper, oil-impregnated, .00025 μf - 12,500 volts
C159	73798	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C160	75219	Electrolytic (Sec. A, B, C, D) comprising 1 section of 10 μf - 450 volts, 1 section of 100 μf - 350 volts, 1 section of 10 μf - 350 volts, and 1 section of 20 μf - 25 volts
C161	75220	Electrolytic, 150 μf - 200 volts
C162	75220	Electrolytic, 150 μf - 200 volts
C163	75071	Moulded paper, .047 μf - 400 volts
C164	75071	Moulded paper, .047 μf - 400 volts
C165	73748	Ceramic, 1500 μμf
C166	75166	Ceramic, 1500 μμf (stand-off type)
C167		See T110
C168	75166	Ceramic, 1500 μμf (stand-off type)
C169		See T111
C170		See T102
C171		See T111
C172	75244	Ceramic, 270 μμf
C173	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C174	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C175	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C176	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C177	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C178	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C179	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C180		See L109
C181	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C182	73473	Ceramic, 5000 μμf
C183	73473	Ceramic, 5000 μμf
C184	73748	Ceramic, 1500 μμf
C185	73748	Ceramic, 1500 μμf
C186	73748	Ceramic, 1500 μμf
C187	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C188	73094	Mica, 390 μμf
C189	73473	Ceramic, 5000 μμf
C190	75166	Ceramic, 1500 μμf (stand-off type)
C191	75166	Ceramic, 1500 μμf (stand-off type)
C192	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C193	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	71924	Ceramic, 56 μμf
C197	73960	Ceramic, 10,000 μμf
C198	39396	Ceramic, 100 μμf
C199	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C200		See T200, L200
C201		See T200, L200
C202		See T200
C203	75437	Ceramic, 100 μμf See T200, L203
C210	75450	Ceramic, 39 μμf
C211	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C212	75198	Ceramic, 470 μμf
C213	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C214	39396	Ceramic, 100 μμf
C215	76294	Ceramic, 10 μμf hv
C216	76295	Ceramic, 33 μμf hv
C217	73960	Ceramic, 10,000 μμf
C218	76303	Ceramic, 270 μμf
C219	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C220	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
		FUSE
F101	73600	0.25 amp fuse, 250 volts

Symbol	Stock No.	Description
		CONNECTORS, JACK
J102	35787	Phono input connector
J104	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors. S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors, S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor. S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors. S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Filament choke coil
L102	75210	Fifth picture IF coil complete with adjustable core
L103	75299	Peaking coil
L104	75252	Peaking coil
L105	75251	4.5 mc trap incl. L105, C129
L106	75252	Peaking coil
L107	71793	Peaking coil
L108	75253	Peaking coil
L109	76136	Deflection yoke incl. L109, L110, L111, L112, C155, C180
L110		See L109
L111		See L109
L112		See L109
L113	71449	Horizontal linearity coil
L114	76140	Filter choke
L115	73477	Filament choke coil
L116	76285	Peaking coil incl. L116, R119
L200	75242	IF trap L200, L201, C200, C201 See L200
L201	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTOR
P101	5040	4 contact female connector for speaker cable

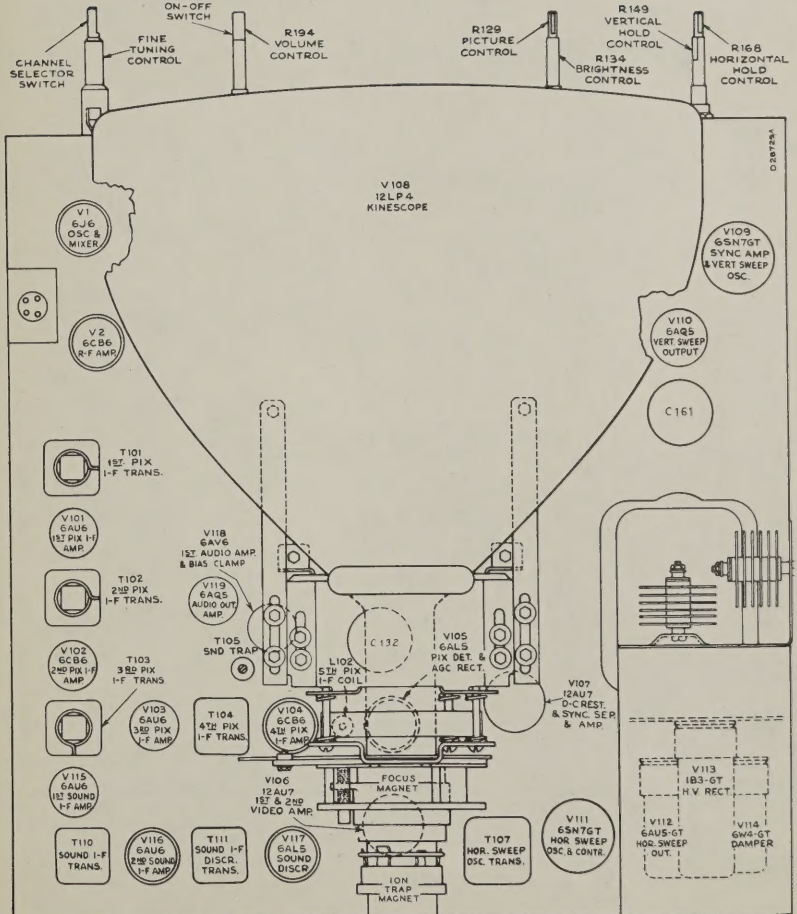
Symbol	Stock No.	Description
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	30078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	503412	120,000 ohms, ±10%, ½ watt
R104	503082	82 ohms, ±10%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	504210	1000 ohms, ±20%, ½ watt
R107	14250	8200 ohms, ±5%, ½ watt
R108	503082	82 ohms, ±10%, ½ watt
R109	504347	47,000 ohms, ±20%, ½ watt
R110	30866	12,000 ohms, ±5%, 1 watt
R111	513247	4700 ohms, ±10%, 1 watt
R112	504447	470,000 ohms, ±20%, ½ watt
R113	503082	82 ohms, ±10%, ½ watt
R114	504333	33,000 ohms, ±20%, ½ watt
R115	503218	1800 ohms, ±10%, ½ watt
R116	504210	1000 ohms, ±20%, ½ watt
R117	503118	180 ohms, ±10%, ½ watt
R118	504210	1000 ohms, ±20%, ½ watt See L114
R120	513268	6800 ohms, ±10%, 1 watt
R121	503482	820,000 ohms, ±10%, ½ watt
R122	513410	100,000 ohms, ±10%, 1 watt
R123	503318	18,000 ohms, ±10%, ½ watt
R124	504333	33,000 ohms, ±20%, ½ watt
R125	504415	150,000 ohms, ±20%, ½ watt
R126	30734	5600 ohms, ±5%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	503122	220 ohms, ±10%, ½ watt
R129	75216	Picture and brightness control R129, R134
R130	503456	560,000 ohms, ±10%, ½ watt
R131	30494	4700 ohms, ±5%, ½ watt
R132	503382	82,000 ohms, ±10%, ½ watt
R133	503322	22,000 ohms, ±10%, ½ watt See R129
R135	523247	4700 ohms, ±10%, 2 watts
R136	503422	220,000 ohms, ±10%, ½ watt
R137	503247	4700 ohms, ±10%, ½ watt
R138	503410	100,000 ohms, ±10%, ½ watt
R139	523333	330,000 ohms, ±10%, 2 watts
R140	503310	10,000 ohms, ±10%, ½ watt
R141	504222	2200 ohms, ±20%, ½ watt
R142	503410	100,000 ohms, ±10%, ½ watt
R143	503227	2700 ohms, ±10%, ½ watt
R144	503382	82,000 ohms, ±10%, ½ watt
R145	503322	22,000 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	503282	8200 ohms, ±10%, ½ watt
R148	503456	560,000 ohms, ±10%, ½ watt
R149	75215	Horizontal and vertical hold control R149, R168
R150	513339	39,000 ohms, ±10%, 1 watt
R152	503510	1 megohm, ±10%, ½ watt
R153	71440	Height control
R154	503356	56,000 ohms, ±10%, ½ watt
R155	503313	13,000 ohms, ±5%, ½ watt
R156	503522	2.2 megohms, ±10%, ½ watt
R157	71441	Vertical linearity control
R158	504147	470 ohms, ±20%, ½ watt
R159	503156	560 ohms, ±10%, ½ watt
R160	504510	1 megohm, ±20%, ½ watt
R161	503415	150,000 ohms, ±10%, ½ watt
R162	503433	330,000 ohms, ±10%, ½ watt
R163	503482	820,000 ohms, ±10%, ½ watt
R164	38892	330,000 ohms, ±5%, ½ watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166	503239	3900 ohms, ±10%, ½ watt
R167	513410	100,000 ohms, ±10%, 1 watt See R149
R169	513322	22,000 ohms, ±10%, 1 watt
R170	54449	220,000 ohms, ±5%, ½ watt
R171	30436	12,000 ohms, ±5%, ½ watt
R172	72067	Wire wound 5.1 ohms, ½ watt
R173	513382	82,000 ohms, ±10%, 1 watt
R174	503447	470,000 ohms, ±10%, ½ watt
R175	504047	47 ohms, ±20%, ½ watt
R176	76410	Wire wound 220 ohms, 4 watts
R177	523268	6800 ohms, ±10%, 2 watts
R178	74945	Width control
R180	514222	2200 ohms, ±10%, 1 watt
R181	76390	Wire wound 5600 ohms, 5 watts 523256 5600 ohms, ±10%, 2 watts
R183	503082	82 ohms, ±10%, ½ watt
R184	503327	27,000 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503356	56,000 ohms, ±10%, ½ watt
R188	503356	56,000 ohms, ±10%, ½ watt
R189	503282	8200 ohms, ±10%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	2200 ohms, ±20%, ½ watt
R193	503347	47,000 ohms, ±10%, ½ watt
R194	75237	Volume control and power switch R194, S102
R195	504610	10 megohms, ±20%, ½ watt
R196	503433	330,000 ohms, ±10%, ½ watt
R197	504447	470,000 ohms, ±20%, ½ watt
R198	513133	330 ohms, ±10%, 1 watt
R199	513133	330 ohms, ±10%, 1 watt
R200	504368	68,000 ohms, ±20%, ½ watt
R201	504368	68,000 ohms, ±20%, ½ watt
R202	513356	56,000 ohms, ±10%, 1 watt
R203	503427	270,000 ohms, ±10%, ½ watt
R204	503510	1 megohm, ±10%, ½ watt
R205	504110	100 ohms, ±20%, ½ watt
R206	504110	100 ohms, ±20%, ½ watt
R207	523268	6800 ohms, ±10%, 2 watts
R208	504522	2.2 megohms, ±20%, ½ watt
R209	503318	18,000 ohms, ±10%, ½ watt
R210	523318	18,000 ohms, ±10%, 2 watts
R211	523318	18,000 ohms, ±10%, 2 watts
R212	513318	18,000 ohms, ±10%, 1 watt
R213	503610	10 megohms, ±10%, ½ watt
R214	503356	56,000 ohms, ±10%, ½ watt
R215	503468	680,000 ohms, ±10%, ½ watt
R216	504210	1000 ohms, ±20%, ½ watt
R217	503347	47,000 ohms, ±10%, ½ watt
R218	503439	390,000 ohms, ±10%, ½ watt
R219	503168	680 ohms, ±10%, ½ watt
R221	503410	100,000 ohms, ±10%, ½ watt
R222	503422	220,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R226	503282	8200 ohms, ±10%, ½ watt
R227	503247	4700 ohms, ±10%, ½ watt
R228	72066	Wire wound, 2.2 ohms, ½ watt
R229	503368	68,000 ohms, ±10%, ½ watt
R230	503227	2700 ohms, ±10%, ½ watt
R231	504522	2.2 megohms, ±20%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S102		See R194
S103	33491	TV-phono switch
S105	76010	AGC switch
		RECTIFIERS
SR101	75221	Selenium rectifier
SR102	75221	Selenium rectifier
		TRANSFORMERS
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C106
T103	76264	Third picture IF transformer incl. T103, C113
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C120
T106	76139	Vertical output transformer
T107	75213	Horizontal oscillator transformer
T108	76154	High voltage transformer
T109	75207	Power transformer, 117 volt, 60
T110	71424	Sound IF transformer incl. T110, C114, C167
T111	75212	Sound discriminator transformer T111, C169, C170, C171
T112	76156	Audio output transformer
T200	75509	Antenna matching transformer complete with connector, IF and FM traps, and antenna shunt coil. T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (71¼") complete with coil W1, L50

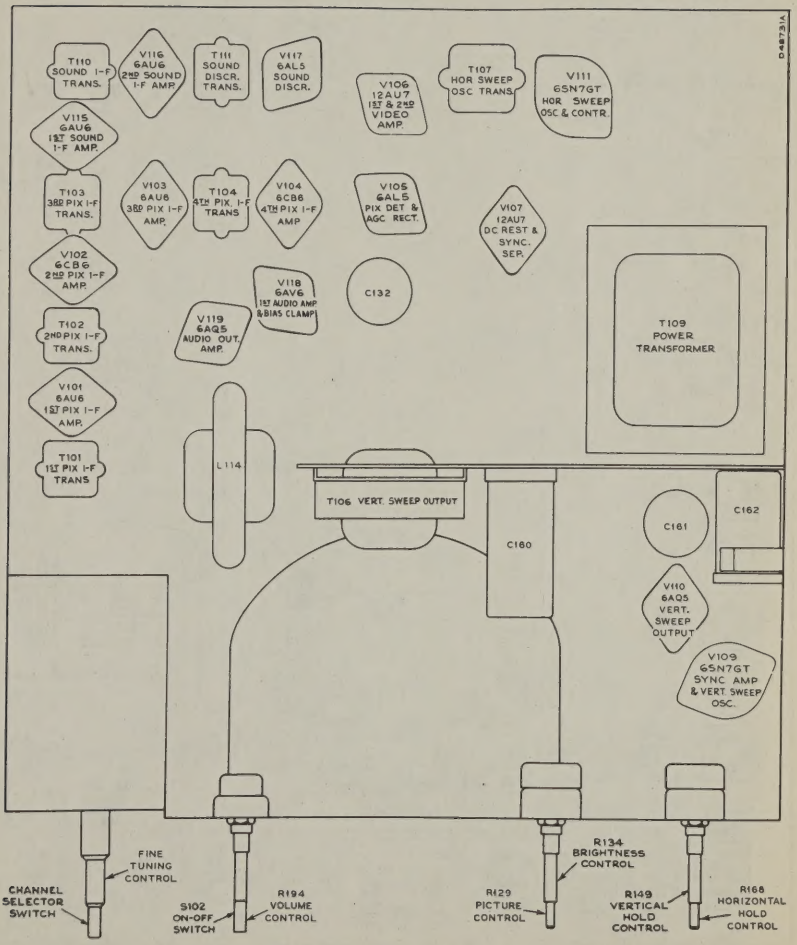
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES **92585-2W** **RL-109-2W** **RMA-274**
X3128	Cloth—Speaker grille cloth
5039	Plug—4 contact male plug
76156	Transformer—Output transformer
76155	Speaker—5" x 7" P.M. speaker (.76 oz. magnet) complete with cone and voice coil (3.2 ohms) less output transformer and plug
	MISCELLANEOUS
76157	Back—Cabinet back complete with power cord and terminal board
76184	Board—"Ant" terminal board—part of back
75235	Board—High-voltage shield terminal board (3 contact)
75188	Board—Terminal board, 5 contact and ground
75228	Bracket—Focus magnet mounting bracket —upper
75229	Bracket—Focus magnet mounting bracket —bottom
76124	Bracket—Safety glass retaining bracket—bottom
76123	Bracket—Safety glass retaining bracket—upper
75067	Bracket—Vertical bracket for holding oscillator tube shield
76150	Clip—Anchor clip for ground braid
76125	Clip—Decorative clip for bottom retaining brackets
75224	Clip—Mounting clip for electrolytic C161, C162
76143	Clip—Tubular clip for mounting stand-off capacitor
74594	Connector—2 contact male connector for power cable
71789	Connector—Anode connector
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
71457	Cord—Power cord and plug
71498	Core—Adjustable core and stud for FM trap C144
75187	Core—Adjustable core for fine tuning capacitor (C2)
72772	Cover—Insulating cover for electrolytic C161, C162
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
76209	Decal—Control function decal
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75499	Escutcheon—Channel marker escutcheon
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
76122	Glass—Safety glass
76058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket
76138	Hood—Deflection yoke hood complete with cushions
74962	Knob—Brightness control or vertical hold control knob (outer)
74960	Knob—Channel selector knob (inner)
74959	Knob—Fine tuning control knob (outer)
74963	Knob—Picture control or horizontal hold control (inner)
74969	Knob—Volume control and power switch knob
75165	Link—Link assembly for fine tuning
76137	Magnet—Focus magnet complete with adjustable plate and stud
76141	Magnet—Ion trap magnet
33225	Nut—Speed nut to fasten antenna in cabinet
76144	Pad—Rubber pad for kinescope mounting strap (bottom) (4 required)
18469	Plate—Bakelite mounting plate for electrolytic C161, C162
76153	Plate—High-voltage transformer mounting plate (bakelite) complete with tube socket less transformer
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre for fine tuning link)
74575	Screw—#4-40 x .359" adjusting screw for L42

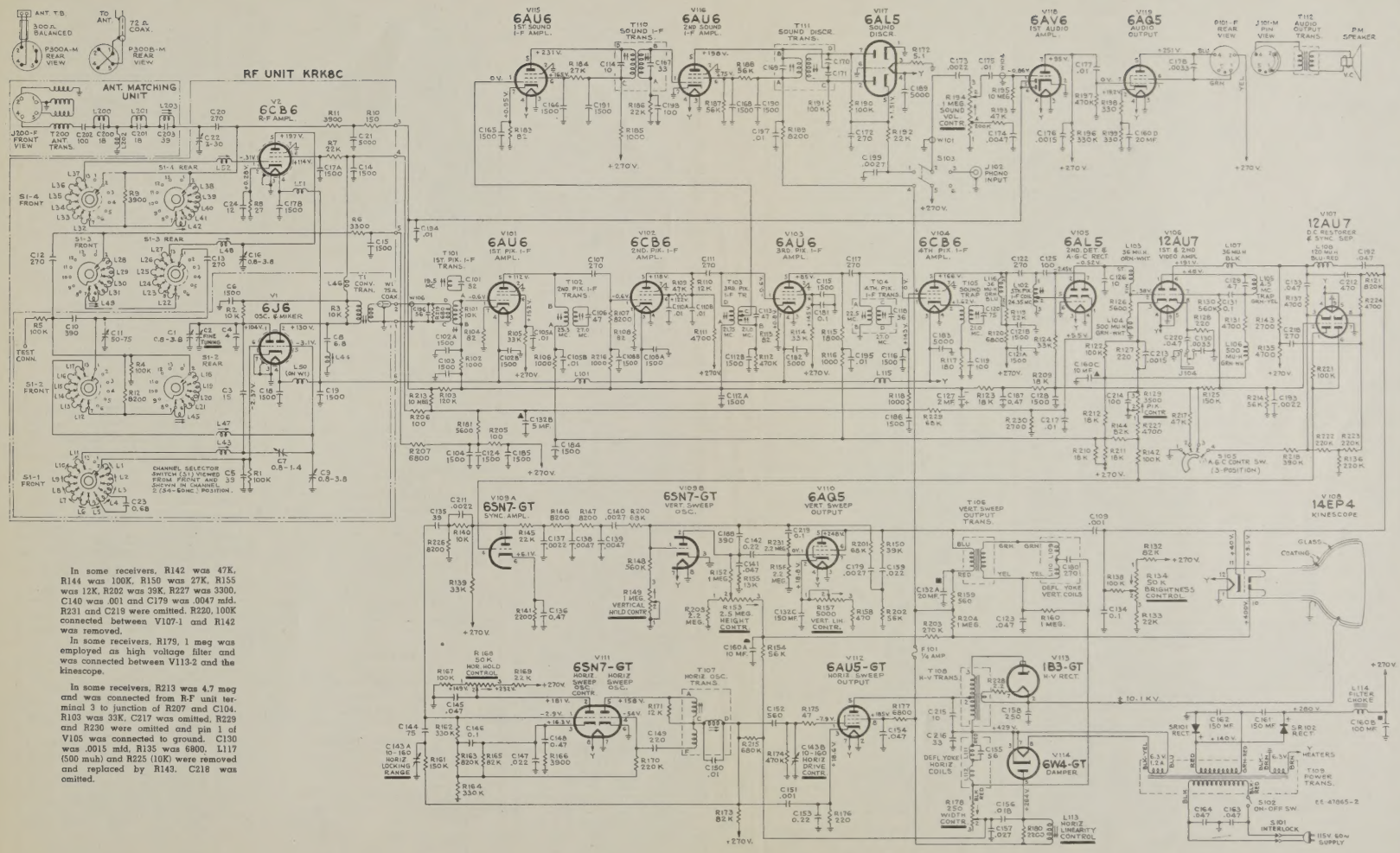
Continued on page 132, column 4


S102 ON-OFF SWITCH
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
R194 VOLUME CONTROL
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R134 BRIGHTNESS CONTROL
R168 HORIZONTAL HOLD CONTROL
V108 12LP4 KINESCOPE
V1 6J6 OSC & MIXER
V2 6CB6 R-F AMP.
V109 6SN7GT SYNC AMP & VERT SWEEP OSC.
V110 6AQ5 VERT SWEEP OUTPUT
C161
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
V118 6AV6 1ST AUDIO AMP. & BIAS CLAMP
V119 6AQ5 AUDIO OUT. AMP.
T105 SND TRAP
C132
L102 5TH PIX I-F COIL
V105 6AL5 PIX DET. & AGC RECT.
V107 12AU7 D-C REST. & SYNC. SEP. & AMP.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
FOCUS MAGNET
V106 12AU7 1ST & 2ND VIDEO AMP.
V115 6AU6 1ST SOUND I-F AMP.
T110 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F DISCR TRANS.
V117 6AL5 SOUND DISCR.
ION TRAP MAGNET
T107 HOR. SWEEP OSC. TRANS.
V111 6SN7GT HOR SWEEP OSC & CONTR.
V113 1B3-GT H.V RECT.
V112 6AU5-GT HOR. SWEEP OUT.
V114 6W4-GT DAMPER
D28T25


D487314
T110 SOUND 1-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V106 12AU7 1ST & 2ND VIDEO AMP.
T107 HOR SWEEP OSC TRANS.
V111 6SN7GT HOR SWEEP OSC & CONTR.
V115 6AU6 1ST SOUND 1-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX. I-F TRANS
V104 6CB6 4TH PIX I-F AMP
V105 6AL5 PIX DET & AGC RECT.
V107 12AU7 DC REST & SYNC. SEP.
V102 6CB6 2ND PIX I-F AMP.
V118 6AV6 1ST AUDIO AMP & BIAS CLAMP
C132
T109 POWER TRANSFORMER
T102 2ND PIX I-F TRANS.
V119 6AQ5 AUDIO OUT. AMP.
V101 6AU6 1ST PIX I-F AMP.
T101 1ST PIX I-F TRANS
L114
T106 VERT. SWEEP OUTPUT
C160
C161
C162
V110 6AQ5 VERT. SWEEP OUTPUT
V109 6SN7GT SYNC AMP & VERT. SWEEP OSC.
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S102 ON-OFF SWITCH
R194 VOLUME CONTROL
R134 BRIGHTNESS CONTROL
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R168 HORIZONTAL HOLD CONTROL

Circuit Diagram for Chassis Number KCS61

Model
4T101
Bently



In some receivers, R142 was 47K, R144 was 100K, R150 was 27K, R155 was 12K, R202 was 39K, R227 was 3300, C140 was .001 and C179 was .0047 mfd. R231 and C219 were omitted. R220, 100K connected between V107-1 and R142 was removed.

In some receivers, R179, 1 meg was employed as high voltage filter and was connected between V113-2 and the kinescope.

In some receivers, R213 was 4.7 meg and was connected from R-F unit terminal 3 to junction of R207 and C104. R103 was 33K, C217 was omitted, R229 and R230 were omitted and pin 1 of V105 was connected to ground. C130 was .0015 mfd, R135 was 6800. L117 (500 muh) and R225 (10K) were removed and replaced by R143. C218 was omitted.

Chassis Number
KCS 61

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75 - 4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf, ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104	73748	Ceramic, 1500 μμf
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106		See T102
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	75344	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C110	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C111	73091	Mica, 270 μμf
C112	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C113		See T103
C114		See T110
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119	45469	Ceramic, 100 μμf
C120		See T105
C121	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C122	73091	Mica, 270 μμf
C123	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C124	73748	Ceramic, 1500 μμf
C125	39396	Ceramic, 100 μμf
C126	53511	Ceramic, 10 μμf
C127	73747	Electrolytic, 2 μf - 50 volts
C128	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131	73551	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C132	76142	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 350 volts, 1 section of 5 μf - 350 volts, and 1 section of 150 μf - 50 volts
C133	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C134	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C135	74726	Mica, 39 μμf
C136	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C141	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C144	75247	Mica, 75 μμf
C145	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C146	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C147	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C148	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C149	75248	Mica, 220 μμf
C150	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C151	75249	Tubular, moulded paper, oil-impregnated, .001 μf - 600 volts
C152	74250	Mica, 560 μμf
C153	73560	Tubular, paper, oil-impregnated, 0.22 μf -200 volts
C154	73597	Tubular, paper, oil-impregnated, .027 μf - 1000 volts
C155		See L109
C156	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C157	73811	Tubular, moulded paper, oil-impregnated, .027 μf - 1000 volts
C158	75250	Tubular, moulded paper, oil-impregnated, .00025 μf - 12,500 volts
C159	73798	Tubular, paper, oil-impregnated, .027 μf - 600 volts
C160	75219	Electrolytic (Sec. A, B, C) comprising 1 section of 10 μf - 450 volts, 1 section of 100 μf - 350 volts, 1 section of 10 μf - 350 volts, and 1-section of 20 μf - 25 volts
C161	75220	Electrolytic, 150 μf - 200 volts
C162	75220	Electrolytic, 150 μf - 200 volts
C163	75071	Tubular, moulded paper, .047 μf - 400 volts
C164	75071	Tubular, moulded paper, .047 μf - 400 volts
C165	73748	Ceramic, 1500 μμf
C166	75166	Ceramic, 1500 μμf (stand-off type)
C167		See T110
C168	75166	Ceramic, 1500 μμf (stand-off type)
C169		See T111
C170		See T111
C171		See T111
C172	75244	Ceramic, 270 μμf
C179	73599	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C180		See L109
C181	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C182	73473	Ceramic, 5000 μμf
C183	73473	Ceramic, 5000 μμf
C184	73748	Ceramic, 1500 μμf
C185	73748	Ceramic, 1500 μμf
C186	73748	Ceramic, 1500 μμf
C187	73787	Tubular, paper, oil-impregnated, 0.47 μf -200 volts
C188	73094	Mica, 390 μμf
C189	73473	Ceramic, 5000 μμf
C190	75166	Ceramic, 1500 μμf (stand-off type)
C191	75166	Ceramic, 1500 μμf (stand-off type)
C192	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C193	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	71924	Ceramic, 56 μμf
C197	73960	Ceramic, 10,000 μμf
C198	39396	Ceramic, 100 μμf
C199	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C212	75198	Ceramic, 470 μμf
C213	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C214	39396	Ceramic, 100 μμf
C215	76296	Ceramic, 10 μμf hv
C216	76295	Ceramic, 33 μμf hv
C217	73960	Ceramic, 10,000 μμf
C218	76303	Ceramic, 270 μμf
C219	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C220	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
		FUSE
F101	73600	0.25 amp fuse, 250 volts
		CONNECTORS, JACK
J103	35787	Single contact audio output connector
J104	75482	Video jack
J200	38853	4 contact female connector for antenna transformer. See T200
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Filament choke coil
L102	75210	Fifth picture IF coil complete with adjustable core
L103	75299	Peaking coil
L104	75252	Peaking coil
L105	75251	4.5 mc trap incl. L105, C129
L106	75252	Peaking coil
L107	71793	Peaking coil
L108	75253	Peaking coil
L109	76136	Deflection yoke incl. L109, L110, L111, L112, C155, C180
L110		See L109
L111		See L109
L112		See L109
L113	71449	Horizontal linearity coil
L114	76140	Filter choke
L115	73477	Filament choke coil
L116	75299	Peaking coil
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap incl. L203, C203
		CONNECTORS
P1	30868	2 contact female connector for main cable
P6	75709	8 contact female connector less shell for main cable
P8	75710	5 contact female connector less shell for main cable
P101	75703	5 contact male connector less shell for TV power cord
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R101		See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	503412	120,000 ohms, ±10%, ½ watt
R104	503082	82 ohms, ±10%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	504210	1000 ohms, ±20%, ½ watt
R107	14250	8200 ohms, ±5%, ½ watt
R108	503082	82 ohms, ±10%, ½ watt
R109	504347	47,000 ohms, ±20%, ½ watt
R110	30866	12,000 ohms, ±5%, 1 watt
R111	513247	4700 ohms, ±10%, 1 watt
R112	504447	470,000 ohms, ±20%, ½ watt
R113	503082	82 ohms, ±10%, ½ watt
R114	504333	33,000 ohms, ±20%, ½ watt
R115	503218	1800 ohms, ±10%, ½ watt
R116	504210	1000 ohms, ±20%, ½ watt
R117	503118	180 ohms, ±10%, ½ watt
R118	504210	1000 ohms, ±20%, ½ watt
R119		See L116
R120	513268	6800 ohms, ±10%, 1 watt
R121	503482	820,000 ohms, ±10%, ½ watt
R122	513410	100,000 ohms, ±10%, 1 watt
R123	503318	18,000 ohms, ±10%, ½ watt
R124	504333	33,000 ohms, ±20%, ½ watt
R125	504415	150,000 ohms, ±20%, ½ watt
R126	30734	5600 ohms, ±5%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	503122	220 ohms, ±10%, ½ watt
R129	75216	Picture and brightness control, R129, R134
R130	503456	560,000 ohms, ±10%, ½ watt
R131	30494	4700 ohms, ±5%, ½ watt
R132	503382	82,000 ohms, ±10%, ½ watt
R133	503322	22,000 ohms, ±10%, ½ watt
R134		See R129
R135	523247	4700 ohms, ±10%, 2 watts
R136	503422	220,000 ohms, ±10%, ½ watt
R137	503247	4700 ohms, ±10%, ½ watt
R138	503410	100,000 ohms, ±10%, ½ watt
R139	523333	33,000 ohms, ±10%, 2 watts
R140	503310	10,000 ohms, ±10%, ½ watt
R141	504222	2200 ohms, ±20%, ½ watt
R142	503410	100,000 ohms, ±10%, ½ watt
R143	503227	2700 ohms, ±10%, ½ watt
R144	503382	82,000 ohms, ±10%, ½ watt
R145	503322	22,000 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	503282	8200 ohms, ±10%, ½ watt
R148	503456	560,000 ohms, ±10%, ½ watt
R149	75215	Horizontal and vertical hold control, R149, R168
R150	513339	39,000 ohms, ±10%, 1 watt
R151	503510	1 megohm, ±10%, ½ watt
R153	71440	Height control
R154	503356	56,000 ohms, ±10%, ½ watt
R155	502313	13,000 ohms, ±5%, ½ watt
R156	503522	2.2 megohms, ±10%, ½ watt
R157	71441	Vertical linearity control
R158	504147	470 ohms, ±20%, ½ watt
R159	503156	560 ohms, ±10%, ½ watt
R160	504510	1 megohm, ±20%, ½ watt
R161	503415	150,000 ohms, ±10%, ½ watt
R162	503433	330,000 ohms, ±10%, ½ watt
R163	503482	820,000 ohms, ±10%, ½ watt
R164	38892	330,000 ohms, ±5%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166	503239	3900 ohms, ±10%, ½ watt
R167	513410	100,000 ohms, ±10%, 1 watt
R168		See R149
R169	513322	22,000 ohms, ±10%, 1 watt
R170	54449	220,000 ohms, ±5%, 1 watt
R171	30436	12,000 ohms, ±5%, ½ watt
R172	72067	Wire wound, 5.1 ohms, ½ watt
R173	513382	82,000 ohms, ±10%, 1 watt
R174	503447	470,000 ohms, ±10%, ½ watt
R175	504047	47 ohms, ±20%, ½ watt
R176	16410	Wire wound, 220 ohms, 4 watts
R177	523268	6800 ohms, ±10%, 2 watts
R178	74945	Width control
R180	514222	2200 ohms, ±20%, 1 watt
R181	76390	Wire wound, 5600 ohms, 5 watts
R183	503082	82 ohms, ±10%, ½ watt
R184	503327	27,000 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503356	56,000 ohms, ±10%, ½ watt
R188	503356	56,000 ohms, ±10%, ½ watt
R189	503282	8200 ohms, ±10%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R200	504368	68,000 ohms, ±20%, ½ watt
R201	504368	68,000 ohms, ±20%, ½ watt
R202	513356	56,000 ohms, ±10%, 1 watt
R203	503427	270,000 ohms, ±10%, ½ watt
R204	503510	1 megohm, ±10%, ½ watt
R205	504110	100 ohms, ±20%, ½ watt
R206	504110	100 ohms, ±20%, ½ watt
R207	523268	6800 ohms, ±10%, 2 watts
R208	504522	2.2 megohms, ±20%, ½ watt
R209	503318	18,000 ohms, ±10%, ½ watt
R210	523318	18,000 ohms, ±10%, 2 watts
R211	523318	18,000 ohms, ±10%, 2 watts
R212	513318	18,000 ohms, ±10%, 1 watt
R213	503610	10 megohms, ±10%, ½ watt
R214	503356	56,000 ohms, ±10%, ½ watt
R215	503468	680,000 ohms, ±10%, ½ watt
R216	504210	1000 ohms, ±20%, ½ watt
R217	503347	47,000 ohms, ±10%, ½ watt
R218	503439	390,000 ohms, ±10%, ½ watt
R219	503168	680 ohms, ±10%, ½ watt
R221	503410	100,000 ohms, ±10%, ½ watt
R222	503422	220,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503247	4700 ohms, ±10%, ½ watt
R226	503282	8200 ohms, ±10%, ½ watt
R227	503247	4700 ohms, ±10%, ½ watt
R228	72066	Wire wound, 2.2 ohms, ½ watt
R229	503368	68,000 ohms, ±10%, ½ watt
R230	503247	4700 ohms, ±10%, ½ watt
R231	504522	2.2 megohms, ±20%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75590	Channel indicator light switch
S105	76010	AGC switch
		RECTIFIERS
SR101	75221	Selenium rectifier
SR102	75221	Selenium rectifier
		TRANSFORMERS
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C106
T103	76264	Third picture IF transformer incl. T103, C113
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C120
T106	76139	Vertical output transformer
T107	75213	Horizontal oscillator transformer
T108	76154	Vertical blocking oscillator transformer
T109	75207	Power transformer, 117 volts, 60 cycle
T110	71424	Sound IF transformer incl. T110, C114, C167
T111	75212	Sound discriminator transformer incl. T111, C169, C170, C171
T200	75214	Antenna matching transformer complete with connector IF and FM traps and antenna shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms, coax cable (7¼") complete with coil W1, L50

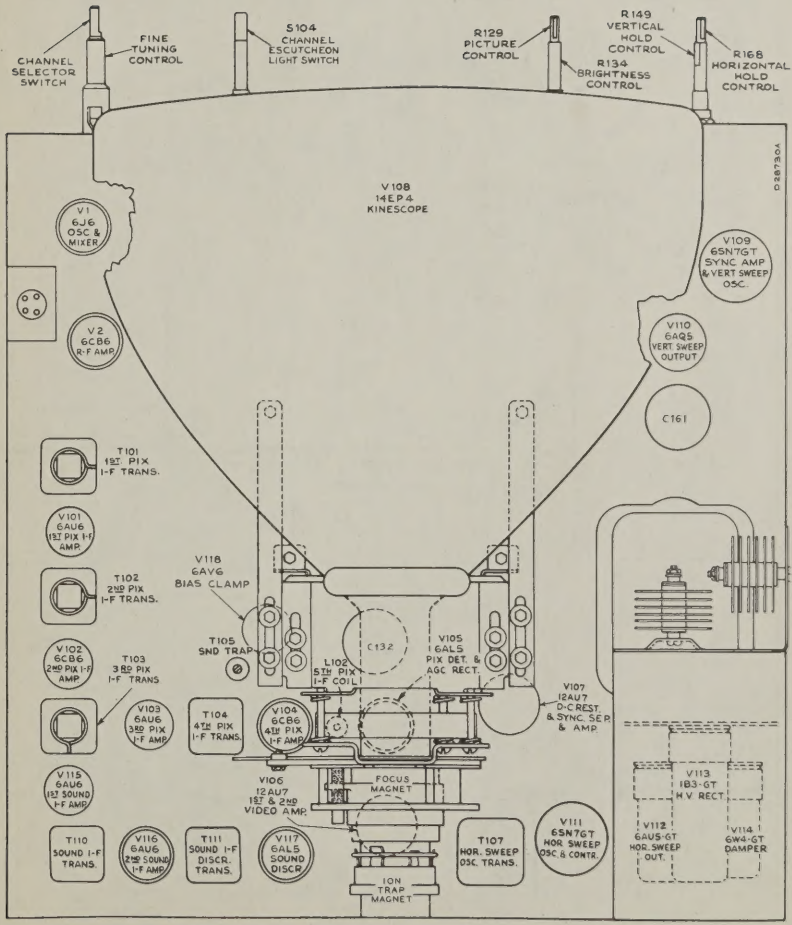
SECTION II

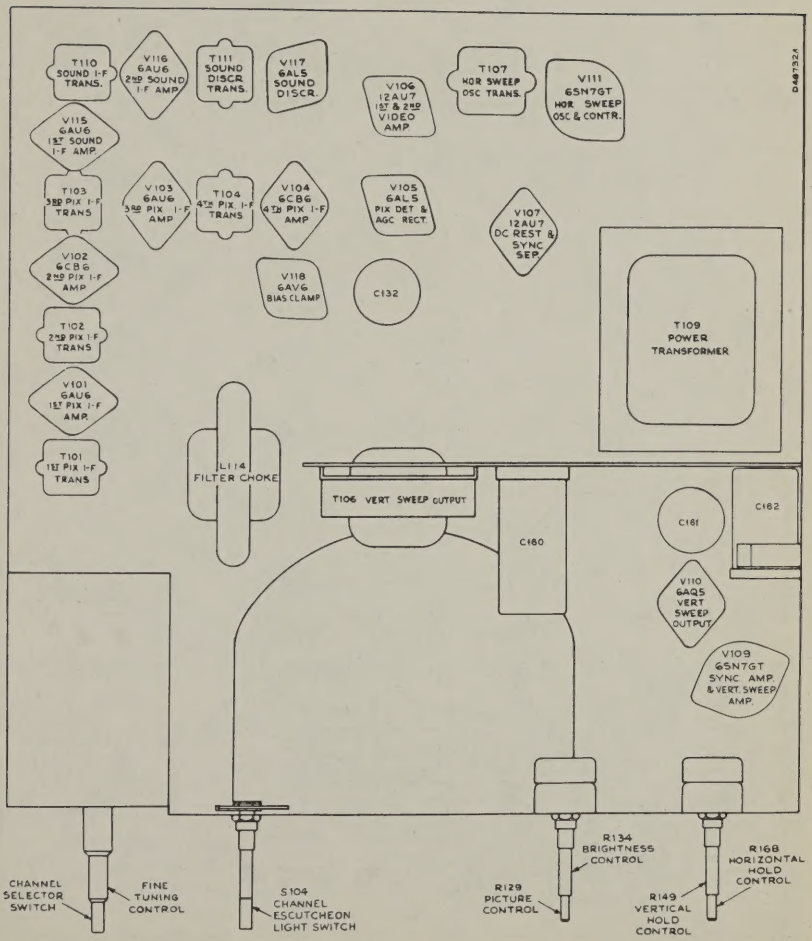
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES 92569-9W RL111-14 RMA-274
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
74974	Speaker—12" P.M. speaker complete with cone and voice coil
	SPEAKER ASSEMBLIES 92569-9B
75875	Cone—Cone and voice coil assembly (3.2 ohms)

Stock No.	Description
	NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76160	Back—Television chassis back cover complete with power cord and terminal board
75235	Board—High-voltage shield terminal board (3 contact)
76184	Board—Television antenna terminal board (2 contact)
75188	Board—Terminal board, 5 contact and ground
75228	Bracket—Focus magnet mounting bracket —upper
75229	Bracket—Focus magnet mounting bracket —bottom
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding oscillator tube shield
72447	Cable—Shielded audio cable complete with two (2) pin plug
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for cabinet doors
76143	Clip—Tubular clip for mounting stand-off capacitor 75166
75224	Clip—Mounting clip for electrolytic C161, C162
76150	Clip—Anchor clip for ground braid
75167	Clip—Tubular clip for mounting stand-off capacitors—C6, C14, C15, C19
X3089	Cloth—Grille cloth for oak instruments
X3144	Cloth—Grille cloth for mahogany or walnut instruments
39153	Connector—4 contact male connector for TV antenna cable
75474	Connector—Single contact male connector for TV antenna cable (2 required)
74594	Connector—2 contact male connector for power cable
71789	Connector—Anode connector
75474	Connector—Single contact male connector for speaker (2 required)
75702	Cord—Television power cord complete with two (2) female contact connector less five (5) contact male connector
70392	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap
72772	Cover—Insulating cover for electrolytic C161, C162
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
76167	Cushion—Vinylite cushion for masking panel
75640	Decal—Control function decal for mahogany or walnut instruments
75680	Decal—Control function decal for oak instruments
71984	Decal—Trade mark decal (RCA Victor)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments
74839	Fastener—Push fastener to mount ceramic capacitor (2 required)
73453	Form—Coil form for L45 and L49
75889	Glass—Safety glass
74838	Grommet—Power cord strain relief (1 set)
37396	Grommet—Rubber grommet for speaker mounting (4 required)
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
16058	Grommet—Rubber grommet for 2nd anode lead
76138	Hood—Deflection yoke hood complete with cushions
74308	Hinge—Cabinet door hinge (1 set)
75714	Knob—Function switch knob—maroon—for mahogany or walnut instruments
75157	Knob—Function switch knob—tan—for oak instruments
74959	Knob—Television fine tuning control knob —maroon—for mahogany or walnut instruments (outer)
73995	Knob—Television fine tuning knob—tan—for oak instruments (outer)
73996	Knob—Television channel selector knob—maroon—for mahogany or walnut instruments (inner)
73997	Knob—Television channel selector knob—tan—for oak instruments (inner)

Continued on page 132, column 5


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R134 BRIGHTNESS CONTROL
R168 HORIZONTAL HOLD CONTROL
V108 14EP4 KINESCOPE
V1 6J6 OSC & MIXER
V2 6CB6 R-F AMP.
V109 6SN7GT SYNC AMP & VERT SWEEP OSC.
V110 6AQ5 VERT SWEEP OUTPUT
C161
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
V118 6AV6 BIAS CLAMP
T105 SND TRAP
C132
L102 5TH PIX I-F COIL
V105 1GA5 PIX DET. & AGC RECT.
V107 12AU7 D-CREST. & SYNC. SEP. & AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V106 12AU7 1ST & 2ND VIDEO AMP.
FOCUS MAGNET
V115 6AU6 1ST SOUND I-F AMP.
T110 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F DISCR. TRANS.
V117 6AL5 SOUND DISCR.
ION TRAP MAGNET
T107 HOR. SWEEP OSC. TRANS.
V111 6SN7GT HOR. SWEEP OSC & CONTR.
V113 1B3-GT H.V. RECT.
V112 6AU5-GT HOR. SWEEP OUT.
V114 6W4-GT DAMPER
D-28736A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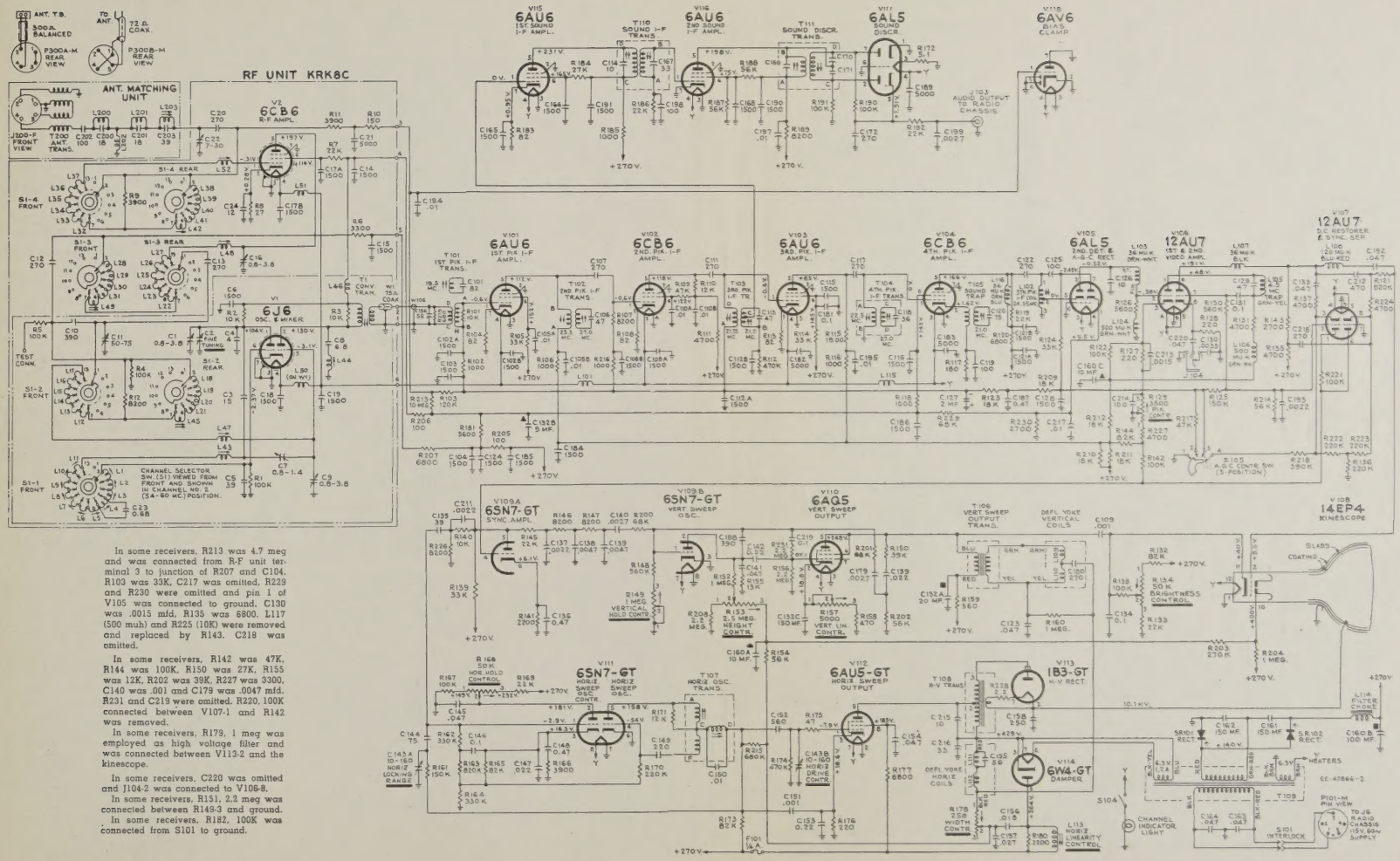
T110 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V106 12AU7 1ST & 2ND VIDEO AMP.
T107 HOR SWEEP OSC TRANS.
V111 6SN7GT HOR SWEEP OSC & CONTR.
V115 6AU6 1ST SOUND I-F AMP.
T103 3RD PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS
V104 6CB6 4TH PIX I-F AMP
V105 6AL5 PIX DET & AGC RECT.
V107 12AU7 DC REST & SYNC SEP.
V102 6CB6 2ND PIX I-F AMP.
V118 6AV6 BIAS CLAMP
C132
T109 POWER TRANSFORMER
T102 2ND PIX I-F TRANS
V101 6AU6 1ST PIX I-F AMP.
T101 1ST PIX I-F TRANS
L114 FILTER CHOKE
T106 VERT SWEEP OUTPUT
C160
C161
C162
V110 6AQ5 VERT SWEEP OUTPUT
V109 6SN7GT SYNC AMP. & VERT. SWEEP AMP.
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R134 BRIGHTNESS CONTROL
R129 PICTURE CONTROL
R149 VERTICAL HOLD CONTROL
R168 HORIZONTAL HOLD CONTROL

Model
4T141
Somervell



In some receivers, R213 was 4.7 meg and was connected from R-F unit terminal 3 to junction of R207 and C104. R103 was 33K, C217 was omitted, R229 and R230 were omitted and pin 1 of V105 was connected to ground. C130 was .0015 mfd. R135 was 6800. L117 (500 muh) and R225 (10K) were removed and replaced by R143. C218 was omitted.

In some receivers, R142 was 47K, R144 was 100K, R150 was 27K, R155 was 12K, R202 was 39K, R227 was 3300, C140 was .001 and C179 was .0047 mfd. R231 and C219 were omitted. R220, 100K connected between V107-1 and R142 was removed.

In some receivers, R179, 1 meg was employed as high voltage filter and was connected between V113-2 and the kinescope.

In some receivers, C220 was omitted and J104-2 was connected to V106-8.

In some receivers, R131, 2.2 meg was connected between R149-3 and ground.

In some receivers, R182, 100K was connected from S101 to ground.

Chassis Number
KCS 62

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C164		See T111
C165		See T111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39638	Mica, 270 μμf
C181	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C193	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf - 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf
		FUSE
F101	73600	0.25 ampere fuse, 250 volts

Symbol	Stock No.	Description
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J102	50391	4 contact male connector
J103	35787	Phono input jack
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5; L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors, and resistors S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity control coil
L111	74952	Deflection yoke complete with cable and connector L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil
L200	75242	IF trap incl. L200, C200, L201, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203

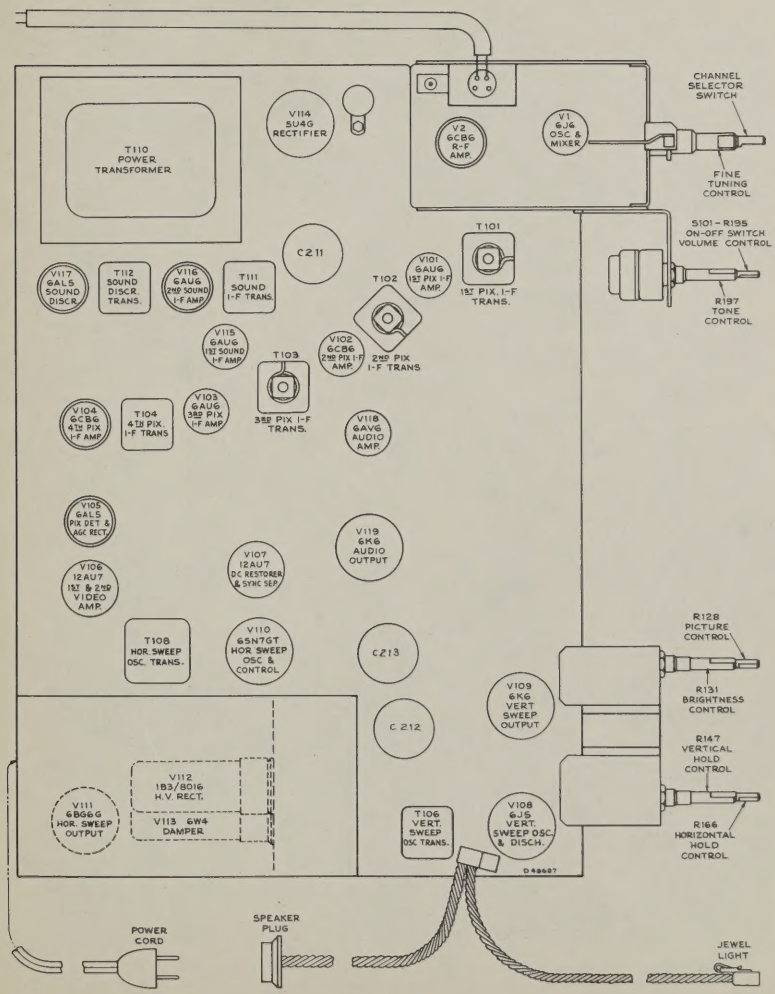
Symbol	Stock No.	Description
		CONNECTORS
P101	35383	8 contact male connector, part of deflection yoke. See L111
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±5%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		See L114
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±5%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128, R131
	75514	Picture control brightness control and channel light switch for consoles only R128, R131, S105
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		560,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R139		12,000 ohms, ±10%, ½ watt
R140		220 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		390,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
T101	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		330,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, ½ watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, 1 watt
R169		8200 ohms, ±5%, ½ watt
R170		150,000 ohms, ±5%, 1 watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±10%, ½ watt
R186		22,000 ohms, ±10%, ½ watt
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R194		10 megohms, ±20%, ½ watt
R195	75513	Tone control, volume control and power switch R195, R197, S101
R196		27,000 ohms, ±10%, ½ watt
R197		See R195
R198		330,000 ohms, ±10%, ½ watt
R199		470,000 ohms, ±20%, ½ watt
R200		390 ohms, ±10%, 1 watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, 1 watt
R213		22,000 ohms, ±10%, ½ watt
R214		1 megohm, ±20%, ½ watt
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R217		100 ohms, ±10%, ½ watt
R218		470 ohms, ±10%, 1 watt
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		390,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	33491	TV-phono-switch
S105		See R128
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75519	High-voltage transformer
T110	75508	Power transformer, 115 volt, 60 cycle
T111	71424	Sound IF transformer, dual winding T111, C169, C170
	75211	Sound IF transformer, single winding T111, C169, C170, R186
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	75520	Audio output transformer
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLES
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

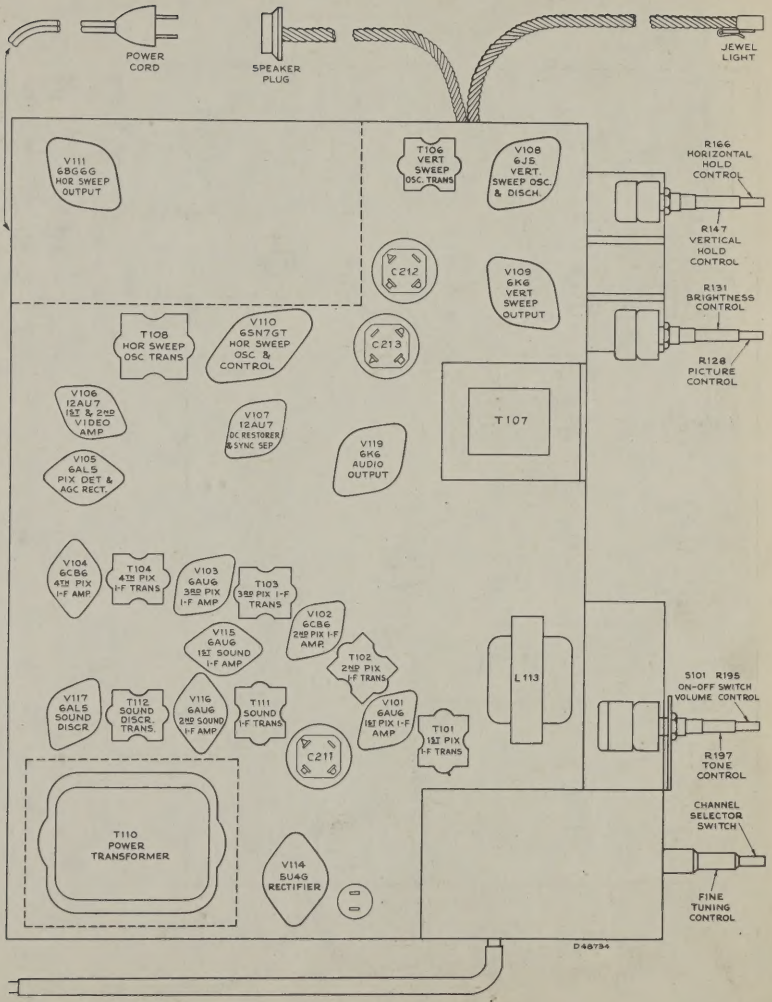
SECTION II

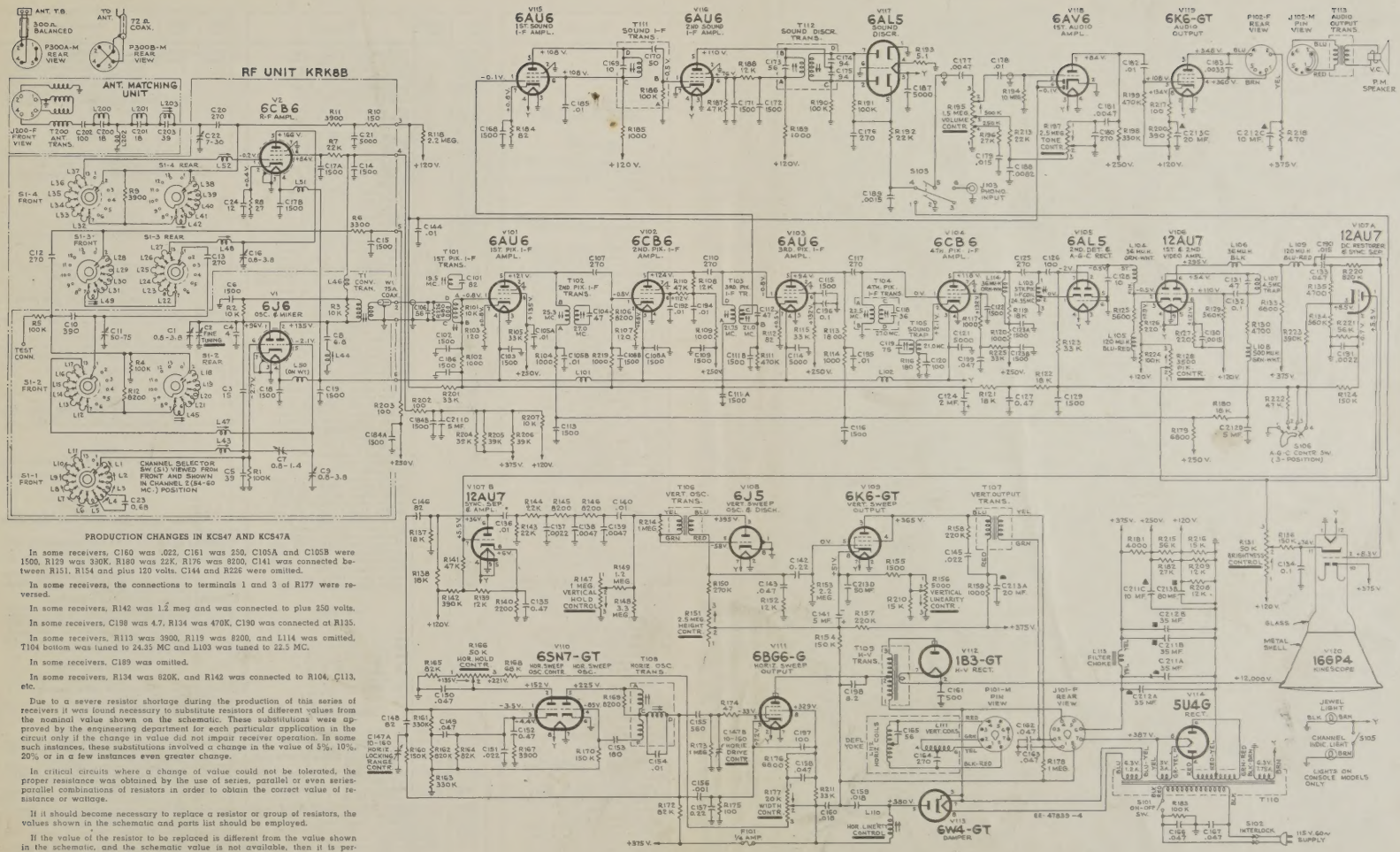
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES 92580-4 (For Models 6T53, 6T54 and 6T64)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-11W RL 111 A2 (For Models 6T65, 6T71, 6T74, 6T75, 6T76)
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector
74974	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and connector
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-11B (For Models 6T65, 6T71, 6T74, 6T75, 6T76)
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES 92569-11K RMA-252 (For Models 6T65, 6T71, 6T74, 6T75, 6T76)
75642	Cone—Cone and voice coil assembly (3.2 ohms)
	NOTE—If stamping on speaker in instruments does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MODEL 6CB1 STAND (Used with 6T54 instrument)
76008	Caster—Caster and socket assembly
76094	Pull—Door pull
74307	Screw—#8-32 x 1⅛" trimit head screw for door pull
	MISCELLANEOUS
75521	Back—Cabinet back complete with power cord and terminal board for Models 6T64 and 6T75
75522	Back—Cabinet back complete with power cord and terminal board for Models 6T65, 6T71, 6T74 and 6T76
75525	Back—Cabinet back complete with power cord and terminal board for Models 6T53, 6T54
10705	Ball—Steel ball for detent (5/32 dia.)
75473	Board—"Ant" terminal board
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket (consoles only)
75229	Bracket—Focus magnet mounting bracket—lower
75228	Bracket—Focus magnet mounting bracket—upper
71599	Bracket—Pilot lamp bracket (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
71892	Catch—Cabinet doors bullet catch and strike (Models 6T71, 6T74, 6T75, 6T76)
75167	Clip—Tubular clip for mounting stand-off capacitors
X3120	Cloth—Grille cloth for mahogany or walnut instruments (Model 6T71)
X3123	Cloth—Grille cloth for mahogany or walnut instruments (Models 6T64, 6T74, 6T75)
X3090	Cloth—Grille cloth for oak instruments (Models 6T64, 6T65, 6T71, 6T74)

Continued on page 133, column 1


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101 - R195 ON-OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
T101 1ST PIX. I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX. I-F TRANS
V104 6CB6 4TH PIX I-F AMP.
V105 6AL5 PIX DET & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
T108 HOR. SWEEP OSC. TRANS.
V107 12AU7 DC RESTORER & SYNC SEP.
V110 6SN7GT HOR SWEEP OSC & CONTROL
V119 6K6 AUDIO OUTPUT
V115 6AU6 1ST SOUND I-F AMP.
V116 6AU6 2ND SOUND I-F AMP.
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
T111 SOUND I-F TRANS.
C211
C213
C212
V118 6AV6 AUDIO AMP.
V109 6K6 VERT SWEEP OUTPUT
V108 6J5 VERT. SWEEP OSC & DISCH.
T106 VERT. SWEEP OSC TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
D 48687
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


POWER CORD
SPEAKER PLUG
JEWEL LIGHT
V111 6BG6G HOR SWEEP OUTPUT
T106 VERT SWEEP OSC. TRANS
V108 6J5 VERT. SWEEP OSC. & DISCH.
R166 HORIZONTAL HOLD CONTROL
R147 VERTICAL HOLD CONTROL
C212
V109 6K6 VERT SWEEP OUTPUT
R131 BRIGHTNESS CONTROL
R128 PICTURE CONTROL
T108 HOR SWEEP OSC TRANS
V110 6SN7GT HOR SWEEP OSC & CONTROL
C213
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
T107
V105 6AL5 PIX DET & AGC RECT.
V119 6K6 AUDIO OUTPUT
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
T103 3RD PIX I-F TRANS
V102 6CB6 2ND PIX I-F AMP.
V115 6AU6 1ST SOUND I-F AMP.
T102 2ND PIX I-F TRANS
L113
S101 R195 ON-OFF SWITCH VOLUME CONTROL
V117 6AL5 SOUND DISCR
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T101 1ST PIX I-F TRANS
C211
R197 TONE CONTROL
CHANNEL SELECTOR SWITCH
T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
FINE TUNING CONTROL
D48734



PRODUCTION CHANGES IN KCS47 AND KCS47A

In some receivers, C160 was .022, C161 was 250, C105A and C105B were 1500, R129 was 330K, R180 was 22K, R176 was 8200, C141 was connected between R151, R154 and plus 120 volts. C144 and R226 were omitted.

In some receivers, the connections to terminals 1 and 3 of R177 were reversed.

In some receivers, R142 was 1.2 meg and was connected to plus 250 volts.

In some receivers, C198 was 4.7, R134 was 470K, C190 was connected at R135.

In some receivers, R113 was 3900, R119 was 8200, and L114 was omitted, T104 bottom was tuned to 24.35 MC and L103 was tuned to 22.5 MC.

In some receivers, C189 was omitted.

In some receivers, R134 was 820K, and R142 was connected to R104, C113, etc.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in the value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

It it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive affect of these resistors may impair circuit operation.

Model

6T53 Newport

6T54 Kent

6T64 Kingsbury

6T65 Highland

6T71 Fairfield

6T74 Regency

6T75 Modern

6T76 Provincial

For circuit diagram of other chassis used in these models see page 53.

Chassis Number

KCS 47

KCS 47A

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	73396	Ceramic, 10,000 μμf
C127	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, .047 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf
C172		Ceramic, 1500 μμf
C173		See T112
C174		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39638	Mica, 270 μμf
C181	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	75748	Ceramic, 5000 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C193	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf - 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202		See T200
C203	75437	Ceramic, 100 μμf
		See T200, L203
C204	73450	Ceramic, 39 μμf
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf

Symbol	Stock No.	Description
		FUSE
F101	73600	0.25 ampere fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J102	5039	4 contact male connector
J103	35787	Phono input jack
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors, and resistors; S1-1, C11, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	IF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer, coil (tuner) incl. L47, C9
L48	75183	Trimmer, coil (tuner) incl. L48, C16
L49		See L22
L50		See WI
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity control coil
L111	74952	Deflection yoke complete with cable and connector L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil
L115	76132	Peaking coil
L200	75242	IF trap incl. L200, C200, L201, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±3%, 1 watt
R109		1000 ohms, ±10%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		See L114
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±3%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128, R131
	75514	Picture control, brightness control and channel light switch (consoles only) R128, R131, S105
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		220,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		180,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
F151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, 1 watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, 1 watt
R169		8200 ohms, ±5%, ½ watt
R170		150,000 ohms, ±5%, 1 watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, ½ watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		22,000 ohms, ±10%, ½ watt
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±3%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R194		10 megohms, ±20%, ½ watt
R195	75513	Tone control, volume control and power switch R195, R197, S101
R196		27,000 ohms, ±10%, ½ watt
R197		See R195
R198		330,000 ohms, ±10%, ½ watt
R199		470,000 ohms, ±20%, ½ watt
R200		390 ohms, ±10%, 1 watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, ½ watt
R213		22,000 ohms, ±10%, ½ watt
R214		1 megohm, ±20%, ½ watt
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R217		100 ohms, ±10%, ½ watt
R218		470 ohms, ±10%, 1 watt
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		220,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, 1 watt
R230		4700 ohms, ±10%, ½ watt
R231		220,000 ohms, ±10%, ½ watt
R232		220,000 ohms, ±10%, ½ watt
R233		100,000 ohms, ±10%, ½ watt
R234		56,000 ohms, ±10%, ½ watt
R235		5600 ohms, ±10%, ½ watt
R236		10,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	33491	TV-phono switch
S105		See R128
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75519	High-voltage transformer
T110	75508	Power transformer, 115 volt, 60 cycle
T111	71424	Sound IF transformer, dual winding, T111, C169, C170
	75211	Sound IF transformer, single winding, T111, C169, C170, R186
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	75520	Audio output transformer
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps and shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

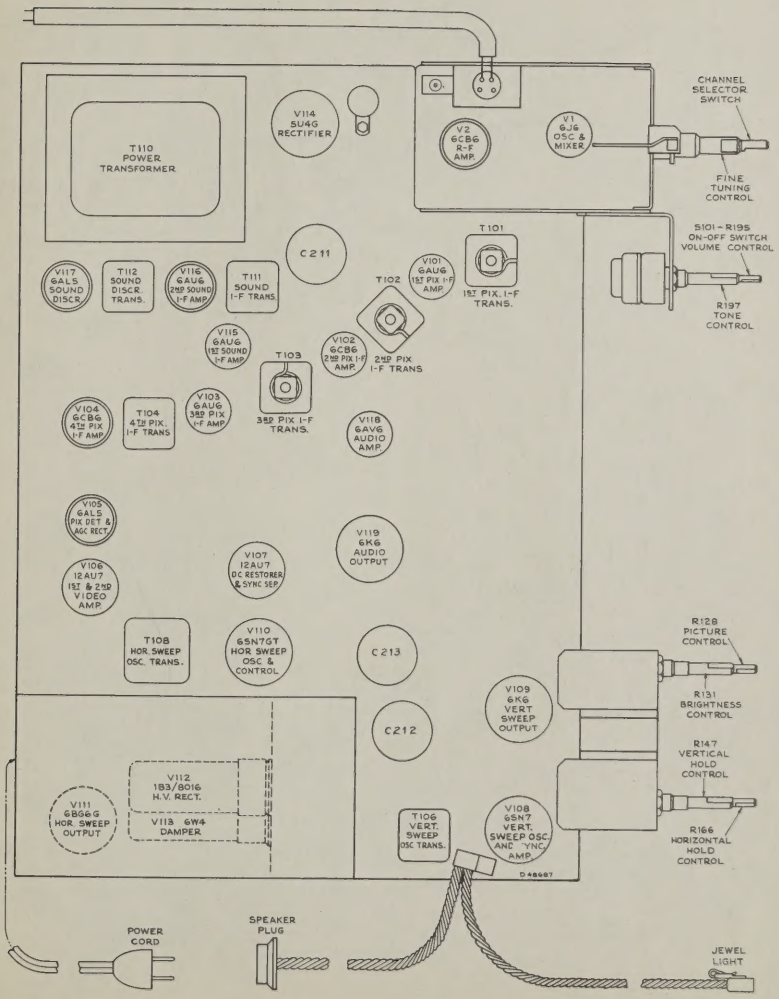
SECTION II

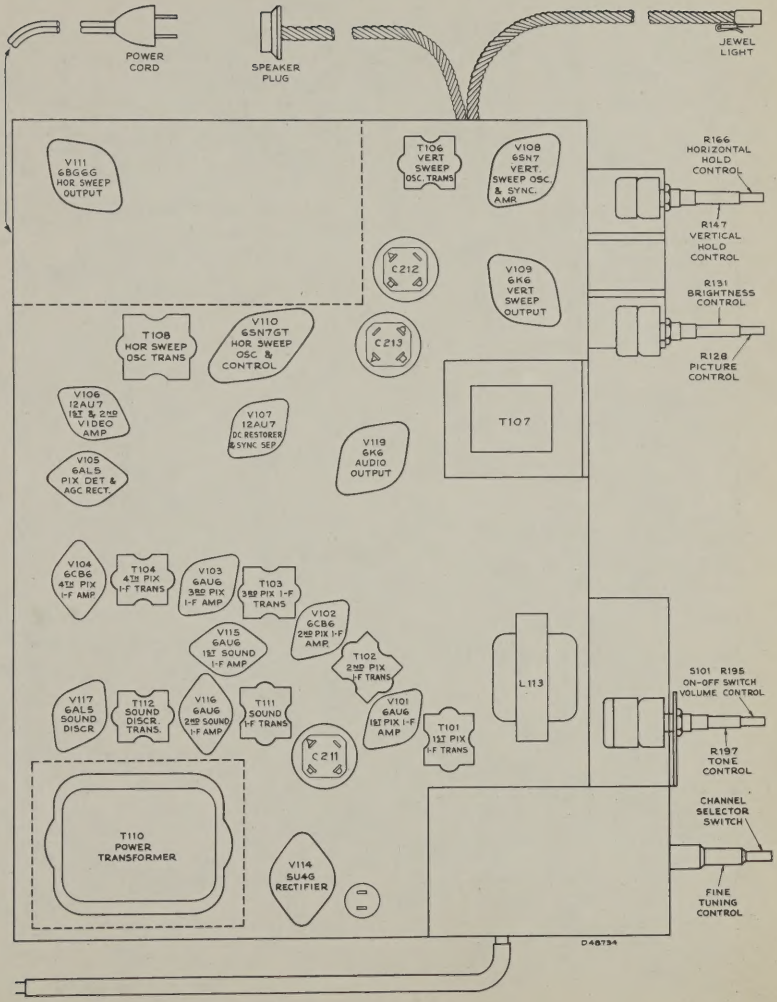
Parts Without Circuit-Symbol Numbers

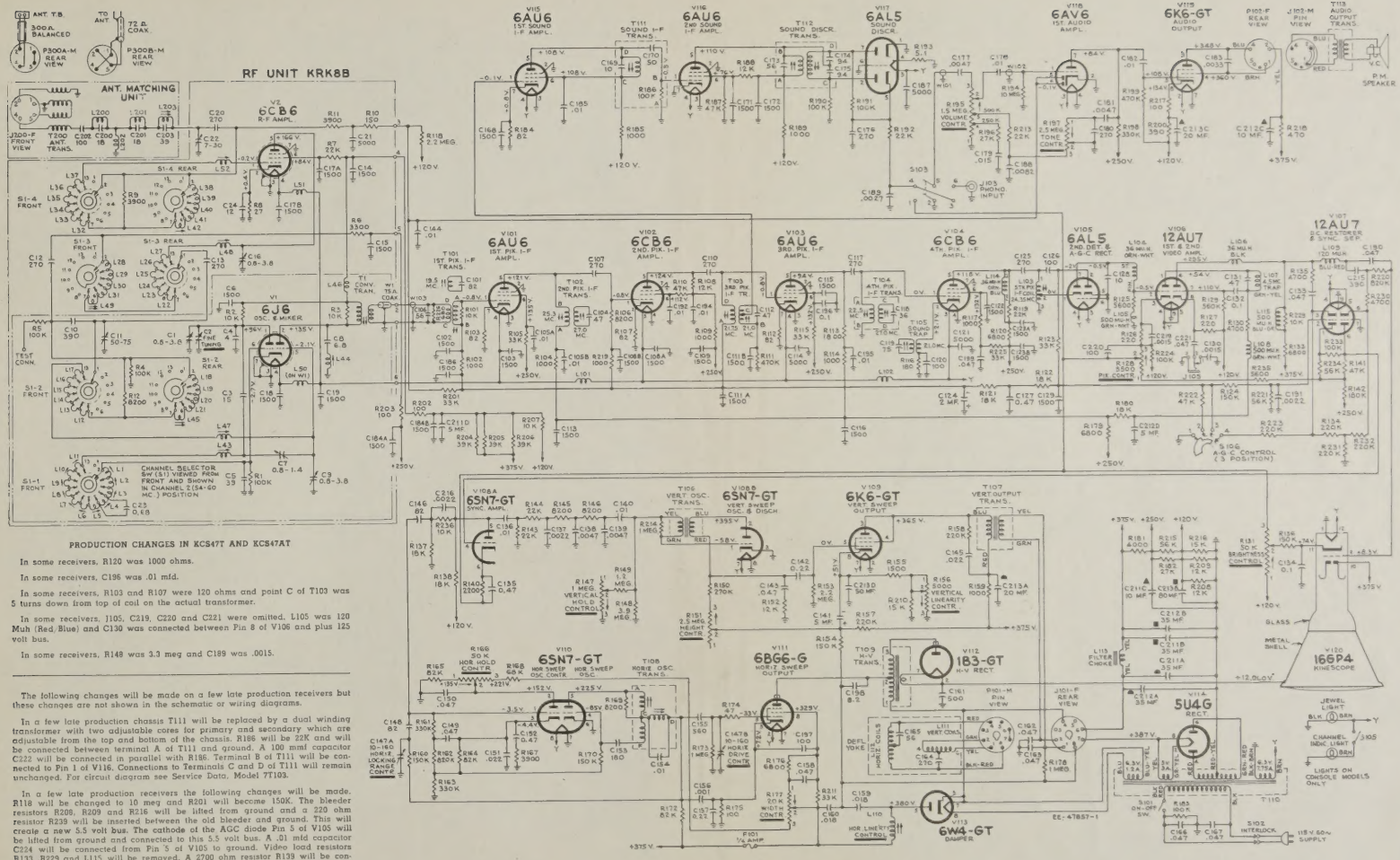
Stock No.	Description
	SPEAKER ASSEMBLIES
	92580-4
	(For Models 6T53, 6T54 and 6T64)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	92569-11K
	RMA-252
	(For Models 6T65, 6T71, 6T74, 6T75, 6T76)
75642	Cone—Cone and voice coil assembly (3.2 ohms)
	92569-11B
	(For Models 6T65, 6T71, 6T74, 6T75, 6T76)
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	92569-11W
	RL 111 A2
	(For Models 6T65, 6T71, 6T74, 6T75, 6T76)
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector for speaker
74974	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and connector
75520	Transformer—Output transformer
	NOTE: If stamping on speaker in instruments does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MODEL 6CB1 STAND
	(Used with 6T54 Instrument)
76008	Caster—Caster and socket assembly
76094	Pull—Door pull
74307	Screw—#8-32 x 1⅛" trimit head screw for door pull
	MISCELLANEOUS
75521	Back—Cabinet back complete with power cord and terminal board for Models 6T64 and 6T75
75522	Back—Cabinet back complete with power cord and terminal board for Models 6T65, 6T71, 6T74 and 6T76
75525	Back—Cabinet back complete with power cord and terminal board for Models 6T53, 6T54
10705	Ball—Steel ball for detent (5/32 dia.)
75473	Board—"Ant" terminal board
75188	Board—Terminal board, 5 contact and ground
75229	Bracket—Focus magnet mounting bracket—lower
75228	Bracket—Focus magnet mounting bracket—upper
71599	Bracket—Pilot lamp bracket (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)

Continued on page 133, column 3

Chassis Top View


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
C211
T101
V101 6AU6 1ST PIX I-F AMP.
1ST PIX. I-F TRANS.
T102
2ND PIX I-F TRANS
V102 6CB6 2ND PIX I-F AMP.
5101 - R195 ON-OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T103
3RD PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX. I-F TRANS
V103 6AU6 3RD PIX. I-F AMP.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
V119 6K6 AUDIO OUTPUT
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC & CONTROL
C213
C212
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
V109 6K6 VERT. SWEEP OUTPUT
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC TRANS.
V108 6SN7 VERT. SWEEP OSC. AND SYNC AMP.
D48687
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


POWER CORD
SPEAKER PLUG
JEWEL LIGHT
V111 6BG6G HOR SWEEP OUTPUT
T106 VERT SWEEP OSC. TRANS
V108 6SN7 VERT SWEEP OSC & SYNC. AMR
R166 HORIZONTAL HOLD CONTROL
R147 VERTICAL HOLD CONTROL
C212
V109 6K6 VERT SWEEP OUTPUT
R131 BRIGHTNESS CONTROL
R128 PICTURE CONTROL
T108 HOR SWEEP OSC TRANS
V110 6SN7GT HOR SWEEP OSC & CONTROL
C213
V106 12AU7 1ST & 2ND VIDEO AMP
V107 12AU7 DC RESTORER & SYNC. SEP.
T107
V119 6K6 AUDIO OUTPUT
V105 6AL5 PIX DET & AGC RECT.
V104 6CB6 4TH PIX I-F AMP
T104 4TH PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP
T103 3RD PIX I-F TRANS
V102 6CB6 2ND PIX I-F AMR
V115 6AU6 1ST SOUND I-F AMP.
T102 2ND PIX I-F TRANS
L113
S101 R195 ON-OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
V117 6AL5 SOUND DISCR
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP
T111 SOUND I-F TRANS
V101 6AU6 1ST PIX I-F AMP
T101 1ST PIX I-F TRANS
C211
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
D48734



PRODUCTION CHANGES IN KCS47T AND KCS47AT

In some receivers, R120 was 1000 ohms.

In some receivers, C196 was .01 mfd.

In some receivers, R103 and R107 were 120 ohms and point C of T103 was 5 turns down from top of coil on the actual transformer.

In some receivers, J105, C219, C220 and C221 were omitted. L105 was 120 Muh (Red, Blue) and C130 was connected between Pin 8 of V106 and plus 125 volt bus.

In some receivers, R148 was 3.3 meg and C189 was .0015.

The following changes will be made on a few late production receivers but these changes are not shown in the schematic or wiring diagrams.

In a few late production chassis T111 will be replaced by a dual winding transformer with two adjustable cores for primary and secondary which are adjustable from the top and bottom of the chassis. R186 will be 22K and will be connected between terminal A of T111 and ground. A 100 mmf capacitor C222 will be connected in parallel with R186. Terminal B of T111 will be connected to Pin 1 of V116. Connections to Terminals C and D of T111 will remain unchanged. For circuit diagram see Service Data, Model 7T103.

In a few late production receivers the following changes will be made. R118 will be changed to 10 meg and R201 will become 150K. The bleeder resistors R208, R209 and R216 will be lifted from ground and a 220 ohm resistor R239 will be inserted between the old bleeder and ground. This will create a new 5.5 volt bus. The cathode of the AGC diode Pin 5 of V105 will be lifted from ground and connected to this 5.5 volt bus. A .01 mfd capacitor C224 will be connected from Pin 5 of V105 to ground. Video load resistors R133, R229 and L115 will be removed. A 2700 ohm resistor R139 will be connected to junction of L106 and L109. R133 a 4700 ohm resistor will be connected between R139 and the 375 volt bus. A 270 mmf capacitor C223 will be connected from the junction of R133, R139 and to Pin 8 of V107. C130 will be changed to .0033 mfd. For circuit diagram, see the Service Data for Model 7T103.

Model

6T53 Newport

6T54 Kent

6T64 Kingsbury

6T65 Highland

6T71 Fairfield

6T74 Regency

6T75 Modern

6T76 Provincial

For circuit diagram of other chassis used in these models see page 49.

Chassis Number

KCS 47T

KCS 47AT

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1		See L1
C2	71501	Ceramic, 1500 μμf
C3	53511	Ceramic, 1500 μμf
C4	74035	Ceramic, 5 μμf
C5	74035	Ceramic, 5 μμf
C6		See L2
C7	71501	Ceramic, 1500 μμf
C8	71501	Ceramic, 1500 μμf
C9	71501	Ceramic, 1500 μμf
C10		See L2
C11	73449	Ceramic, trimmer, comprising 1 section of 150-190 μμf and 1 section of 65-95 μμf; C11, C12
C12		See C11
C13	71501	Ceramic, 1500 μμf
C14		See L5
C15	71501	Ceramic, 1500 μμf. See L13
C16	73473	Ceramic, 5000 μμf. See L13
C17	71501	Ceramic, 1500 μμf
C18	71501	Ceramic, 1500 μμf
C19	71501	Ceramic, 1500 μμf
C20	54207	Ceramic, 15 μμf
C21	73091	Ceramic, 270 μμf. See L6
C22		See L7
C101	71501	Ceramic, 1500 μμf
C102		See T101
C103	71501	Ceramic, 1500 μμf
C104	71501	Ceramic, 1500 μμf
C105	71501	Ceramic, 1500 μμf
C106	73091	Mica, 270 μμf
C107		See T102
C108	71501	Ceramic, 1500 μμf
C109	71501	Ceramic, 1500 μμf
C110	71501	Ceramic, 1500 μμf
C111	74105	Mica, 33 μμf
C112		See T103
C113	71501	Ceramic, 1500 μμf
C114	71501	Ceramic, 1500 μμf
C115	73091	Mica, 270 μμf
C116		See T104
C117	71501	Ceramic, 1500 μμf
C118	71501	Ceramic, 1500 μμf
C119		See T105
C120	64062	Ceramic, 82 μμf
C121	73091	Mica, 270 μμf
C122	71501	Ceramic, 1500 μμf
C123		See T106
C124		See T106
C125	71501	Ceramic, 1500 μμf
C126	39604	Mica, 10 μμf
C127	71501	Ceramic, 1500 μμf
C128		See L110
C129	73921	Ceramic, 120 μμf
C130	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C131	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C132	71501	Ceramic, 1500 μμf
C133	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C134	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C135	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C136	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C137	73801	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C138	39628	Mica, 100 μμf
C139	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C140	73090	Mica, 82 μμf
C141	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C142	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C143	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C144	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C145	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C146	73581	Electrolytic (Sec. A, B, C, D) comprising 1 section of 50 μf - 450 volts, 2 sections of 10 μf - 450 volts, and 1 section of 10 μf - 150 volts
C147	73583	Electrolytic (Sec. A, B, C) comprising 1 section of 40 μf - 450 volts, 1 section of 90 μf - 150 volts, and 1 section of 50 μf - 150 volts
C148	71432	Electrolytic (Sec. A, B, C) comprising 2 sections of 40 μf - 450 volts, and 1 section of 10 μf - 450 volts
C149	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts

Symbol	Stock No.	Description
C150	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C151	75071	Tubular, moulded paper, .047 μf - 400 volts
C152	75071	Tubular, moulded paper, .047 μf - 400 volts
C153	74946	Mica, trimmer (Sec. A, B) comprising 1 section of 4-70 μμf and 1 section of 10-160 μμf
C154	73090	Mica, 82 μμf
C155	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C156	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C157	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C158	73102	Mica, 180 μμf
C159	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C160	74250	Mica, 560 μμf
C161	73801	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C162	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C165	74727	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C166	28417	Electrolytic, 5 μf - 450 volts
C167	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C168	74947	Ceramic, 500 μμf - 20,000 volts
C169		See L108
C170	73582	Electrolytic (Sec. A, B, C) comprising 1 section of 40 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 80 μf - 200 volts
C171	71501	Ceramic, 1500 μμf
C172	71501	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175	39396	Ceramic, 100 μμf
C176	71501	Ceramic, 1500 μμf
C177	71501	Ceramic, 1500 μμf
C178		See T113
C179		See T113
C180		See T113
C181	39644	Mica, 470 μμf
C182	73561	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C183		Ceramic, 270 μμf
C184	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C185	73565	Tubular, moulded paper, oil-impregnated, .01 μf - 1000 volts
C186	73595	Tubular, paper, oil impregnated, .0022 μf - 600 volts
C187		See L106
C188	71501	Ceramic, 1500 μμf
C189		See L116
C190	73787	Tubular, paper, oil impregnated, .047 μf - 200 volts
C191	73597	Tubular, paper, oil impregnated, .047 μf - 1000 volts
C192	71501	Ceramic, 1500 μμf
C193	71501	Ceramic, 1500 μμf
C194	73922	Ceramic, 270 μμf
C195	73595	Tubular, paper, oil impregnated .0022 μf - 600 volts
C196	71501	Ceramic, 1500 μμf
C197	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C198	73922	Ceramic, 270 μμf
C199	73558	Tubular, moulded paper, oil impregnated, .0015 μf - 600 volts
C202	73920	Tubular, paper, oil impregnated, .0047 μf - 600 volts
		FUSE
F101	73600	0.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	5039	4 contact male connector for speaker See T115
J102		
J103	35787	Phono input jack
J106	50942	8 contact female connector for deflection yoke
J108	31027	4 contact female connector for focus coil
		COILS
L1	74108	Fine tuning coil (tuner) incl. L1, C1
L2	74109	Trimmer, coil (tuner) incl. L2, L3, C6, C10
L3		See L2
L4	73462	Coupling inductance coil
L5	74110	Trimmer, coil (tuner) incl. L5, C14
L6	73633	Antenna stator complete with rotor and coils S5, L6, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, C21

Symbol	Stock No.	Description
L7	73476	IF trap L7, C22
L9	73470	Converter stator complete with rotor and coils S3, L9, L36, L37, L38, L39, L40, L41, L48, L49, L50, L51
L10	73477	Choke coil
L11	73477	Choke coil
L12	73477	Choke coil
L13	73460	RF plate coil for channel 6
	73471	RF amplifier stator complete with rotor and coils S4, L13, L42, L43, L44, L45, L46, L47, L52, L53, L54, L55, C15, C16, R10
L14	73468	Front oscillator section stator complete with rotor, segment, coils, and adjusting screw; S1, L14, L15, L16, L17, L18, L19, L21, L22, L23, L24
L15		See L14
L16		See L14
L17		See L14
L18		See L14
L19		See L14
L20	73461	Rear section oscillator plate coil for Channel 6
L21		See L14
L22		See L14
L23		See L14
L24		See L14
L25	73469	Rear oscillator section stator complete with rotor, segment, and coils; S2, L25, L26, L27, L28, L29, L30, L32, L33, L34, L35
L26		See L25
L27		See L25
L28		See L25
L29		See L25
L30		See L25
L31	73874	Front section oscillator plate coil for Channel 6
L32		See L25
L33		See L25
L34		See L25
L35		See L25
L36		See L9
L37		See L9
L38		See L9
L39		See L9
L40		See L9
L41		See L9
L42		See L13
L43		See L13
L44		See L13
L45		See L13
L46		See L13
L47		See L13
L48		See L9
L49		See L9
L50		See L9
L51		See L9
L52		See L13
L53		See L13
L54		See L13
L55		See L13
L56		See L6
L57		See L6
L58		See L6
L59		See L6
L60		See L6
L61		See L6
L62		See L6
L63		See L6
L64		See L6
L65		See L6
L66		See L6
L67	73475	Antenna Filter shunt coil
L101	73447	Plunger choke coil
L102	71527	Peaking coil
L103	74214	Peaking coil
L104	73154	Filter choke
L105	74214	Peaking coil
L106	71526	Peaking coil
L107	75252	Peaking coil
L108	74952	Deflection yoke L108, L109, L112, L113, C169, C187, P106
L109		See L108
L110	73577	4.5 mc trap L110, C128
L111	71449	Horizontal linearity coil
L112		See L108
L113		See L108
L114	71526	Peaking coil
L116	73476	IF trap L116, C189
L117	74170	Peaking coil L117, R110
L118	74983	Focus coil L118, P108
		CONNECTORS
P101	5040	4 contact female connector for speaker cable
P106	35383	8 contact male connector part of deflection yoke
P108	30568	4 contact male connector part of focus coil

Symbol	Stock No.	Description
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		100,000 ohms, ±20%, ½ watt
R3		100,000 ohms, ±20%, ½ watt
R4		47 ohms, ±20%, ½ watt
R5		150 ohms, ±20%, ½ watt
R7		1000 ohms, ±20%, ½ watt
R8		100,000 ohms, ±20%, ½ watt
R9		150 ohms, ±20%, ½ watt
R10		2700 ohms, ±10%, ½ watt
R11		10,000 ohms, ±20%, ½ watt
R12		150 ohms, ±20%, ½ watt
R13		100,000 ohms, ±20%, ½ watt
R14		390 ohms, ±10%, ½ watt
R101		See T101
R102		150 ohms, ±5%, ½ watt
R103		1000 ohms, ±20%, ½ watt
R104		10,000 ohms, ±5%, ½ watt
R105		68 ohms, ±10%, ½ watt
R106		150 ohms, ±20%, ½ watt
R107		1000 ohms, ±20%, ½ watt
R108		1000 ohms, ±20%, ½ watt
R109		150 ohms, ±20%, ½ watt
R110		See L117
R111		47 ohms, ±10%, ½ watt
R112		3900 ohms, ±10%, ½ watt
R113		1000 ohms, ±20%, ½ watt
R114		150 ohms, ±20%, ½ watt
R115		150 ohms, ±10%, ½ watt
R116		1000 ohms, ±20%, ½ watt
R117		8200 ohms, ±5%, 1 watt
R118		1000 ohms, ±20%, ½ watt
R119		5600 ohms, ±5%, ½ watt
R120		10 ohms, ±20%, ½ watt
R121		220 ohms, ±10%, ½ watt
R122	75452	Picture control, brightness control and channel light switch R122, R131, S104
R123		68 ohms, ±20%, ½ watt
R124		12,000 ohms, ±10%, 2 watts
R125		6.8 megohms, ±10%, ½ watt
R126		5100 ohms, ±5%, ½ watt
R127		5600 ohms, ±10%, 1 watt
R128		8200 ohms, ±5%, 1 watt
R129		150,000 ohms, ±10%, ½ watt
R130		2.2 megohms, ±10%, ½ watt
R131		See R122
R132		2.2 megohms, ±10%, ½ watt
R133		680,000 ohms, ±10%, ½ watt
R134		22,000 ohms, ±10%, ½ watt
R135		39,000 ohms, ±5%, ½ watt
R136		6800 ohms, ±5%, ½ watt
R137		470,000 ohms, ±10%, ½ watt
R138	74475	AGC threshold control
R139		470,000 ohms, ±10%, ½ watt
R140		330,000 ohms, ±10%, ½ watt
R141		10,000 ohms, ±10%, ½ watt
R142		150,000 ohms, ±20%, ½ watt
R143		27,000 ohms, ±10%, ½ watt
R144		4700 ohms, ±10%, ½ watt
R145		47,000 ohms, ±10%, ½ watt
R146		15,000 ohms, ±10%, 1 watt
R147		1 megohm, ±10%, ½ watt
R148		10 ohms, ±10%, ½ watt
R149		3.9 megohms, ±10%, ½ watt
R150		6800 ohms, ±10%, ½ watt
R151		27,000 ohms, ±10%, ½ watt
R152		8200 ohms, ±10%, ½ watt
R153		8200 ohms, ±10%, ½ watt
R154		270,000 ohms, ±10%, ½ watt
R155	71440	Height control
R156		220,000 ohms, ±10%, ½ watt
R157		1.2 megohms, ±5%, ½ watt
R158	72734	Horizontal and vertical control R158, R173
R159		3.3 megohms, ±5%, ½ watt
R160		1200 ohms, ±10%, 1 watt
R161		1500 ohms, ±10%, 1 watt
R162	71441	Vertical linearity control
R163		2.2 megohms, ±10%, ½ watt
R164		12,000 ohms, ±5%, ½ watt
R165		1000 ohms, ±20%, ½ watt
R166		220,000 ohms, ±10%, ½ watt
R167		5600 ohms, ±10%, 1 watt
R168		82,000 ohms, ±10%, 1 watt
R169		820,000 ohms, ±10%, ½ watt
R170		330,000 ohms, ±10%, ½ watt
R171		3900 ohms, ±10%, ½ watt
R172		120,000 ohms, ±10%, ½ watt
R173		See R158
R174		100,000 ohms, ±10%, 1 watt
R175		8200 ohms, ±5%, ½ watt
R176		150,000 ohms, ±5%, 1 watt
R177		6800 ohms, ±10%, 2 watts
R178		330,000 ohms, ±5%, 1 watt
R179		82,000 ohms, ±5%, 1 watt
R180		150,000 ohms, ±10%, ½ watt
R181		1 megohm, ±10%, ½ watt
R182		10,000 ohms, ±10%, ½ watt
R183		47 ohms, ±20%, ½ watt
R184		100 ohms, ±10%, 2 watts
R185		150,000 ohms, ±10%, ½ watt
R186		12,000 ohms, ±10%, 1 watt
R187		100,000 ohms, ±10%, ½ watt

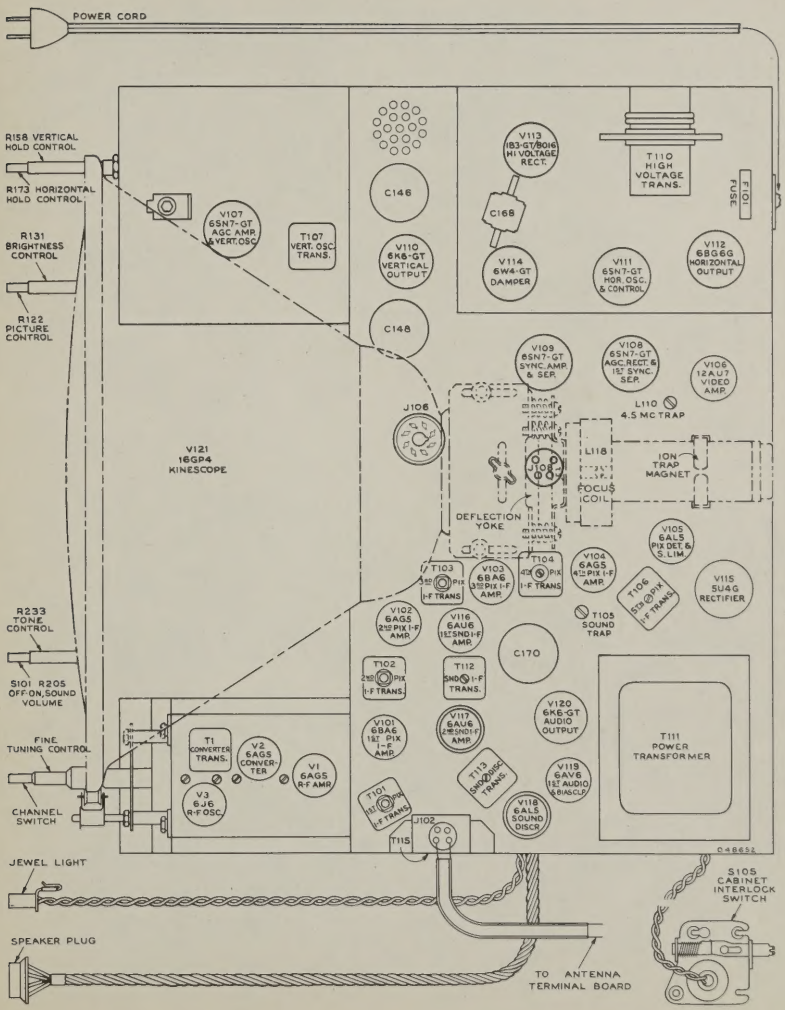
Symbol	Stock No.	Description
R188		1 megohm, ±20%, ½ watt
R189		1 megohm, ±20%, ½ watt
R190	18471	Wire wound, 10 ohms, ½ watt
R191	74597	Focus control
R192	74945	Width control
R193	74955	Voltage divider (Sec. A, B, C) comprising 1 section of 1200 ohms, 16 watts, and 2 sections of 700 ohms, 5½ watts
R194		1800 ohms, ±10%, 2 watts
R195		82 ohms, ±10%, ½ watt
R196		1200 ohms, ±10%, ½ watt
R197		22,000 ohms, ±10%, ½ watt
R198		22,000 ohms, ±20%, ½ watt
R199		1000 ohms, ±20%, ½ watt
R200		330,000 ohms, ±10%, ½ watt
R201		10 megohms, ±20%, ½ watt
R202	72067	Wire wound, 5.1 ohms, ½ watt
R203		100,000 ohms, ±5%, ½ watt
R204		100,000 ohms, ±5%, ½ watt
R205	74048	Volume control, tone control, and power switch R205, R233, S101
R206		1200 ohms, ±10%, 1 watt
R207		470,000 ohms, ±20%, ½ watt
R208		2700 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, ½ watt
R210		6800 ohms, ±10%, 2 watts
R211		100,000 ohms, ±10%, ½ watt
R212		680,000 ohms, ±10%, ½ watt
R213		1.2 megohms, ±5%, ½ watt
R214		150 ohms, ±20%, ½ watt
R215		22,000 ohms, ±20%, ½ watt
R216		100,000 ohms, ±10%, ½ watt
R217		2700 ohms, ±10%, ½ watt
R218		5600 ohms, ±10%, ½ watt
R219		2200 ohms, ±10%, ½ watt
R220		10,000 ohms, ±10%, ½ watt
R221		47,000 ohms, ±20%, ½ watt
R222		100,000 ohms, ±20%, 2 watts
R223		150 ohms, ±10%, ½ watt
R224		470,000 ohms, ±10%, ½ watt
R225		10 ohms, ±10%, ½ watt
R233		See R205
R235		15,000 ohms, ±10%, ½ watt
		SWITCHES
S1		See L14
S2		See L25
S3		See L9
S4		See L13
S5		See L6
S101		See R205
S103	46760	TV phono switch
S104		See R122
S105	74157	Cabinet interlock switch
		TRANSFORMERS
T1	73448	Converter transformer T1, R6
T101	74589	First picture IF transformer incl. T101, C102, R101
T102	74590	Second picture IF transformer incl. T102, C107
T103	74591	Third picture IF transformer incl. T103, C112
T104	74592	Fourth picture IF transformer incl. T104, C116
T105	71778	Sound trap T105, C119
T106	73575	Fifth picture IF transformer incl. T106, C123, C121
T107	73569	Vertical oscillator transformer
T108	74950	Vertical output transformer
T109	73576	Horizontal oscillator transformer
T110	74951	High-voltage transformer
T111	74949	Power transformer, 117 volts, 60 cycle
T112	71424	Sound IF transformer incl. T112, C173, C174
T113	71427	Sound discriminator transformer incl. T113, C178, C179, C180
T114	75036	Output transformer
T115	73578	Antenna transformer complete with socket T115, J102
		CABLE
W1	73478	IF transmission cable

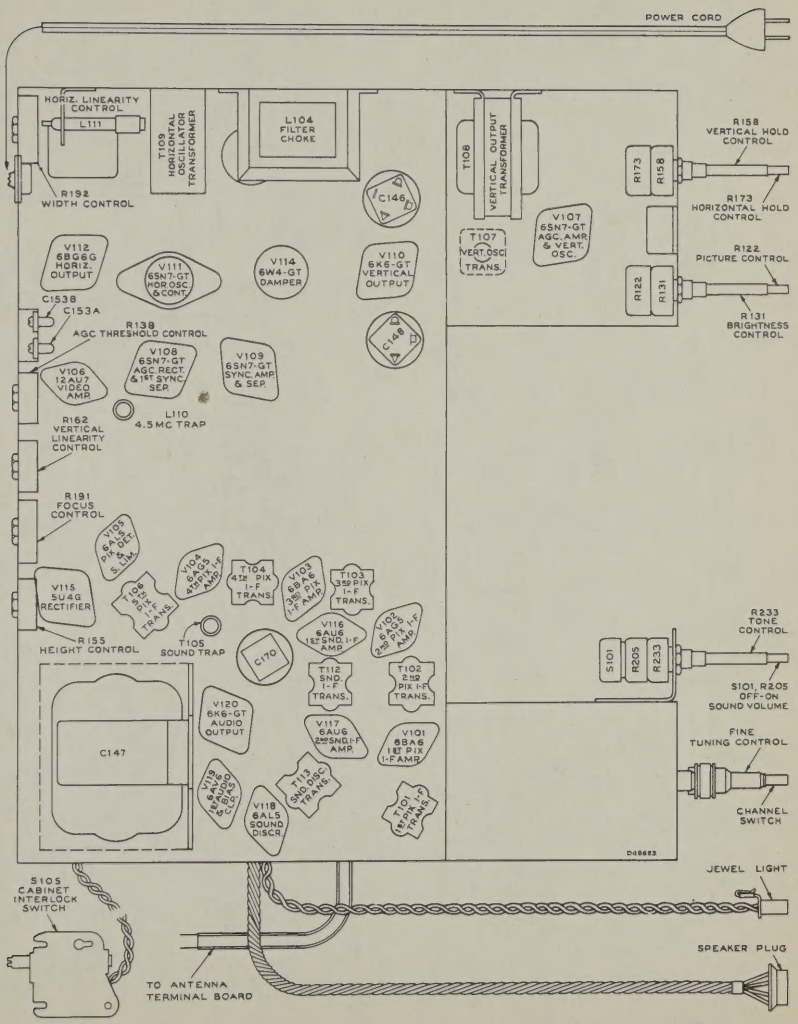
SECTION II

Parts Without Circuit-Symbol Numbers

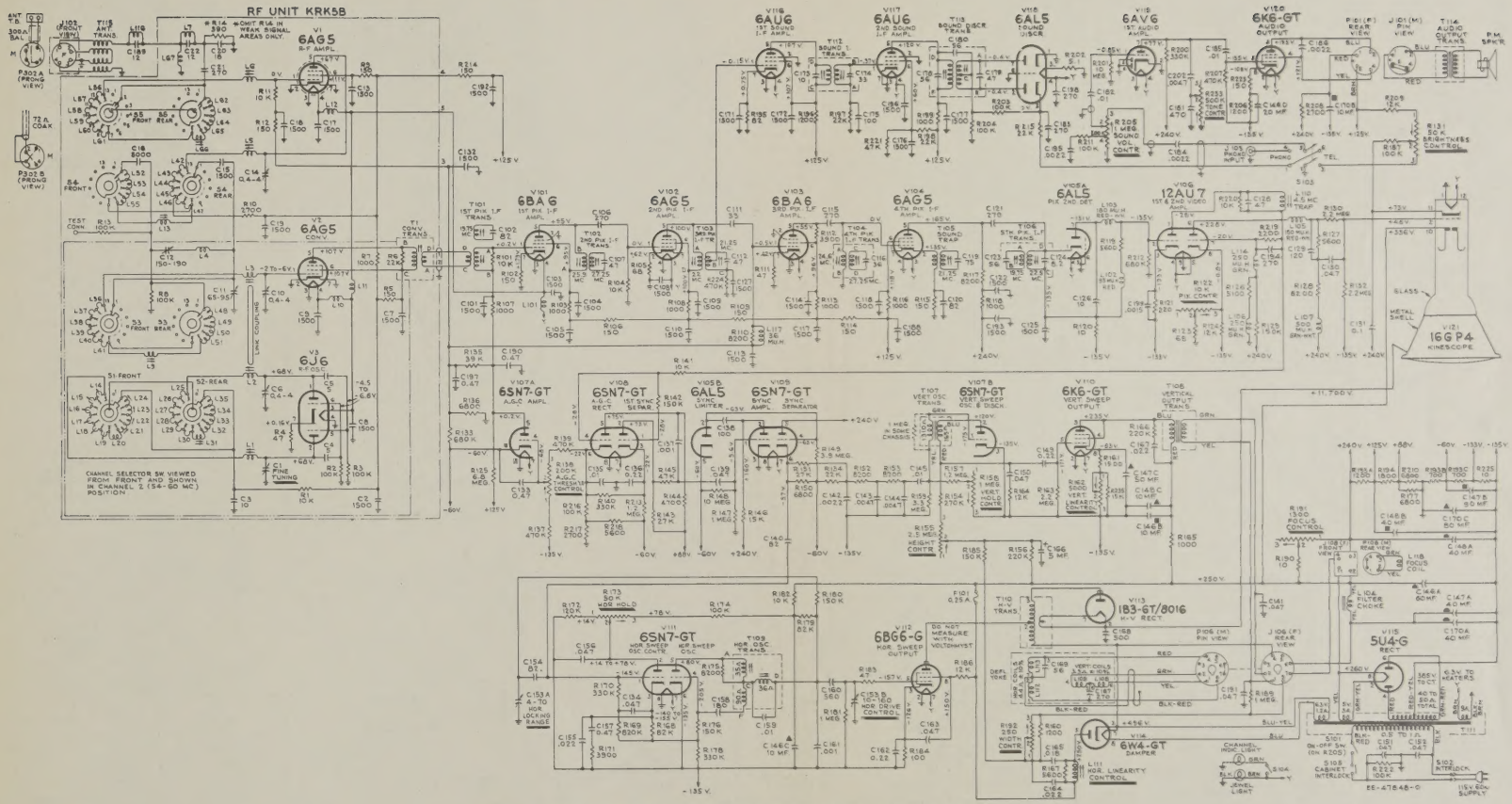
Stock No.	Description
	SPEAKER ASSEMBLIES 92569-10W RL 111-16 RMA 274
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector for speaker
75035	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and plug
75036	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-10B
75875	Cone—Cone and voice coil assembly (3.2 ohms) NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
75020	Back—Cabinet back
73465	Belt—Drive belt
75069	Board—RF unit power connection terminal board (3 contact)
75453	Bracket—Channel indicator lamp bracket
75086	Bracket—Focus coil mounting bracket—upper
75087	Bracket—Focus coil mounting bracket—lower
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding rf oscillator tube shield
73441	Cam—Fine tuning adjustment
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike
X3120	Cloth—Grille cloth for mahogany or walnut instruments
X3090	Cloth—Grille cloth for oak instruments
74967	Connector—Anode cap connector
74594	Connector—Male connector for power cable
71493	Connector—Oscillator segment connector
71457	Cord—Power cord and plug
74187	Core—Adjustable core for coil L9
73455	Core—Sliding core for fine tuning control trimmer
71437	Cover—Insulating cover for electrolytics C146, C148, C170
74956	Cushion—Rubber cushion for deflection yoke hood
75608	Cushion—Dust seal cushion
75440	Decal—Channel panel function decal for mahogany or walnut instruments
75441	Decal—Control panel function decal for oak instruments
71910	Decal—Trade mark decal
73440	Detent—RF unit detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for walnut or mahogany instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments
73453	Form—Coil form assembly for L9, L13
71487	Form—Coil form for coil L31
74606	Glass—Safety glass
75439	Grille—Metal grille
71799	Grommet—Rubber grommet for horizontal yoke lead wire or 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket
37396	Grommet—Rubber grommet to mount speaker (4 required)
74308	Hinge—Cabinet door hinge (1 set)
75445	Hood—Deflection yoke hood less rubber cushions
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
74959	Knob—Fine tuning knob—maroon—for mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)

Continued on page 133, column 6


POWER CORD
R158 VERTICAL HOLD CONTROL
R173 HORIZONTAL HOLD CONTROL
R131 BRIGHTNESS CONTROL
R122 PICTURE CONTROL
R233 TONE CONTROL
S101 R205 OFF-ON, SOUND VOLUME
FINE TUNING CONTROL
CHANNEL SWITCH
JEWEL LIGHT
SPEAKER PLUG
V107 6SN7-GT AGC AMP & VERT. OSC.
T107 VERT. OSC. TRANS.
C146
V110 6K6-GT VERTICAL OUTPUT
C148
V113 1B3-GT/8016 HI VOLTAGE RECT.
C168
V114 6W4-GT DAMPER
T110 HIGH VOLTAGE TRANS.
F101 .3 AMP
V111 6SN7-GT HOR. OSC. & CONTROL
V112 6BG6G HORIZONTAL OUTPUT
V109 6SN7-GT SYNC. AMP. & SEP.
V108 6SN7-GT AGC. RECT. & 1ST SYNC. SEP.
V106 12AU7 VIDEO AMP.
L110 4.5 MC TRAP
J106
V121 16GP4 KINESCOPE
L118
ION TRAP MAGNET
J108
FOCUS COIL
DEFLECTION YOKE
V105 6AL5 PIX DET. & S. LIM.
V104 6AG5 4½ MC PIX I-F AMP.
T106 5½ MC PIX I-F TRANS.
V115 5U4G RECTIFIER
T105 SOUND TRAP
T103 3RD PIX I-F TRANS.
V103 6BA6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V102 6AG5 2ND PIX I-F AMP.
V116 6AU6 1ST SND I-F AMP.
C170
T102 2ND PIX I-F TRANS.
T112 SND I-F TRANS.
V120 6K6-GT AUDIO OUTPUT
T111 POWER TRANSFORMER
V101 6BA6 1ST PIX I-F AMP.
V117 6AU6 2ND SND I-F AMP.
T109 SND DISC. TRANS.
V119 6AV6 1ST AUDIO & BIAS CLIP
T101 PIX I-F TRANS.
V118 6AL5 SOUND DISCR.
T1 CONVERTER TRANS.
V2 6AG5 CONVERTER
V1 6AG5 R-F AMP.
V3 6J6 R-F OSC.
J102
T115
048652
S105 CABINET INTERLOCK SWITCH
TO ANTENNA TERMINAL BOARD


POWER CORD
HORIZ. LINEARITY CONTROL
L111
T109 HORIZONTAL OUTPUT TRANSFORMER
L104 FILTER CHOKE
C146
T108 VERTICAL OUTPUT TRANSFORMER
R158 VERTICAL HOLD CONTROL
R173
R158
R173 HORIZONTAL HOLD CONTROL
R192 WIDTH CONTROL
V112 6BQ6G HORIZ. OUTPUT
V111 6SN7-GT HOR. OSC. & CONT.
V114 6W4-GT DAMPER
V110 6K6-GT VERTICAL OUTPUT
T107 VERT. OSC. TRANS.
V107 6SN7-GT AGC AMP. & VERT. OSC.
R122 PICTURE CONTROL
R122
R131
R131 BRIGHTNESS CONTROL
C153B
C153A
C148
R138 AGC THRESHOLD CONTROL
V108 6SN7-GT AGC RECT. & 1ST SYNC SEP.
V109 6SN7-GT SYNC. AMP. & SEP.
V106 12AU7 VIDEO AMP.
L110 4.5MC TRAP
R162 VERTICAL LINEARITY CONTROL
R191 FOCUS CONTROL
V105 6AL5 D.R. DET. & S. LIM.
V104 6AG5 42MC AMP. I-F
T104 41st PIX I-F TRANS.
V103 6BA6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V116 6AU6 1ST SND. I-F AMP.
V102 6AG5 2ND PIX I-F AMP.
T106 1ST SND. I-F TRANS.
V115 5U4G RECTIFIER
R155 HEIGHT CONTROL
T105 SOUND TRAP
C170
T112 SND. I-F TRANS.
T102 2ND PIX I-F TRANS.
R233 TONE CONTROL
S101
R205
R233
S101, R205 OFF-ON SOUND VOLUME
V120 6K6-GT AUDIO OUTPUT
C147
V117 6AU6 2ND SND. I-F AMP.
V101 6BA6 1ST PIX I-FAMP.
FINE TUNING CONTROL
CHANNEL SWITCH
V119 6AQ8 DISC. & O.S.C.
T113 SND. DISC. TRANS.
V118 6AL5 SOUND DISCR.
T101 I-F INPUT TRANS.
D49883
JEWEL LIGHT
S105 CABINET INTERLOCK SWITCH
SPEAKER PLUG
TO ANTENNA TERMINAL BOARD

Model
6T72
Fairfield



In some receivers, a 4.7 mmf, 5,000 volt capacitor (Stock No. 75646) is connected between terminal 2 of T110 and the 250 volt bus in order to increase picture width. If this capacitor is added in the field it should be connected to F101 and the red lead on the terminal board in the HV compartment.

The leads of the capacitor must be protected by spaghetti, and dressed away from the HV trans. the 6BG6G and the back cover of the HV compartment.

Chassis Number
KCS40B

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
C1	75184	Ceramic, adjustable 0.75-4 μμf compression with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L22
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	73877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 5.6 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, .047 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73787	Tubular, moulded paper, 0.47 μf - .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, 0.47 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, 0.47 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, dual (Sec. A, B) 1500 μμf
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C214	75592	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf

FUSE

F101	73600	.25 amp fuse, 250 volts

CONNECTORS, JACK

J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Single contact female connector
J105	75842	Video jack
J200	38853	4 contact female connector. See T200

COILS

L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L32
L44		See L1
L45	75185	Convertor plate loading coil
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil
L131	75251	4.5 mc trap
L200	75242	IF trap L200, C200, L201, C201
L201		See L200
L202	75241	Sound shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203

CONNECTOR

P101	35383	8 contact male connector part of deflection yoke

RESISTORS—FIXED COMPOSITION (Unless otherwise specified)

R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±10%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		18,000 ohms, ±10%, ½ watt
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±5%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128, R131
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		560,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R139		12,000 ohms, ±10%, ½ watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		390,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, 1 watt
R147	75215	Horizontal and vertical hold control R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, 1 watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, 1 watt
R169		8200 ohms, ±5%, 1 watt
R170		150,000 ohms, ±5%, 1 watt
R171		10,000 ohms, ±10%, ½ watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82,000 ohms, ±10%, 2 watts
R185		1000 ohms, ±20%, ½ watt
R186		See T111
R187		22,000 ohms, ±10%, ½ watt
R188		47,000 ohms, ±10%, ½ watt
R189		12,000 ohms, ±10%, ½ watt
R190		1000 ohms, ±20%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		100,000 ohms, ±5%, ½ watt
R193	72067	100,000 ohms, ±20%, ½ watt
R201		Wire wound, 5.1 ohms, ½ watt
R202		33,000 ohms, ±10%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		100 ohms, ±20%, ½ watt
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watts
R211		33,000 ohms, ±10%, ½ watt
R212	75593	Wire wound, 8000 ohms, 15 watts
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		390,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, ½ watt

SWITCHES

S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75594	Indicator light switch
S106	76010	AGC switch

TRANSFORMERS

T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75519	High-voltage transformer
T110	75508	Power transformer, 115 volts, 60 cycle
T111	71424	Sound IF transformer, dual winding type, incl. T111, C169, C170
	75211	Sound IF transformer, simplex winding type, incl. T111, C169, C170, R186
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and shunt coil; T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200

CABLE

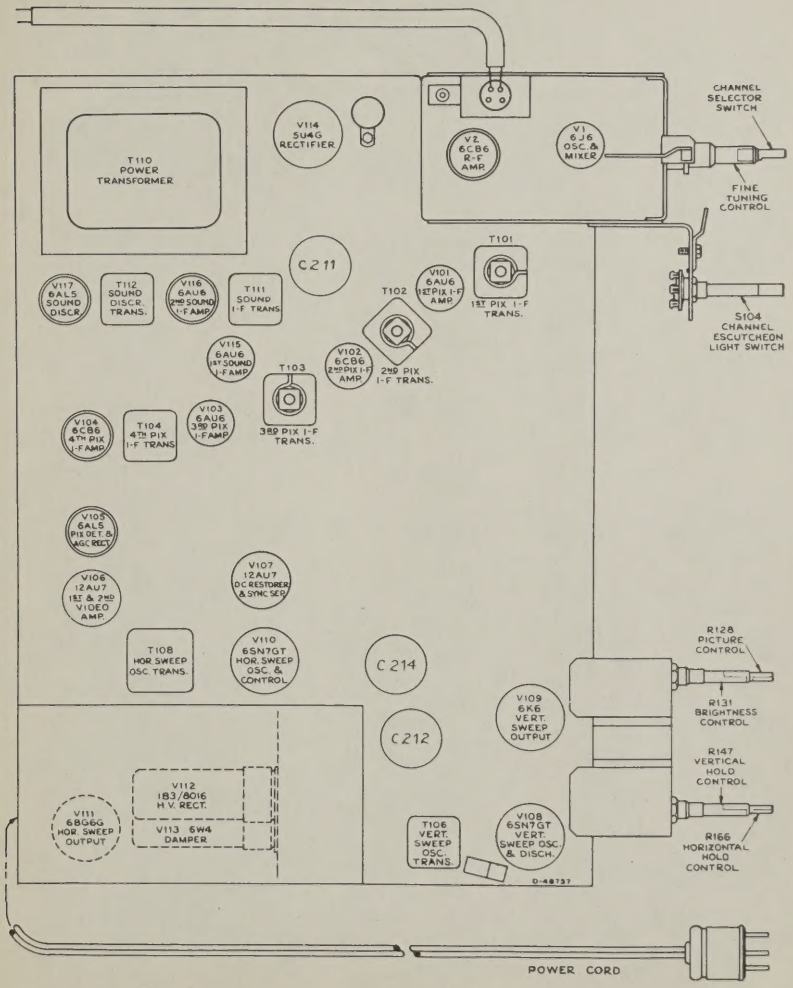
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

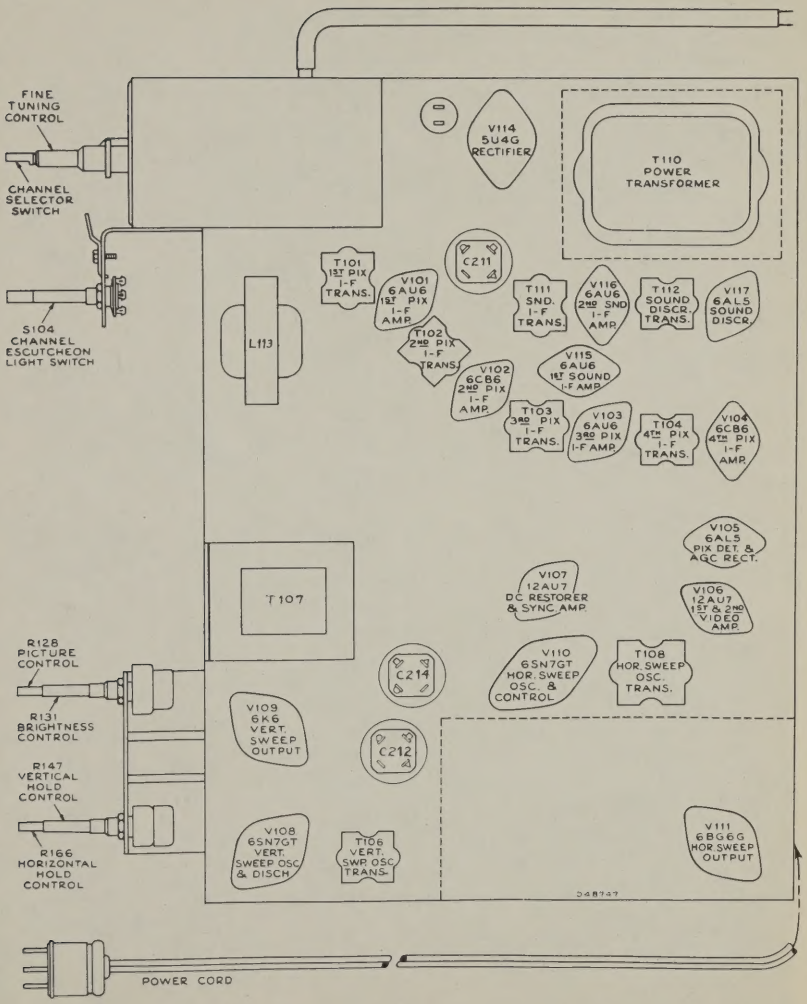
SECTION II

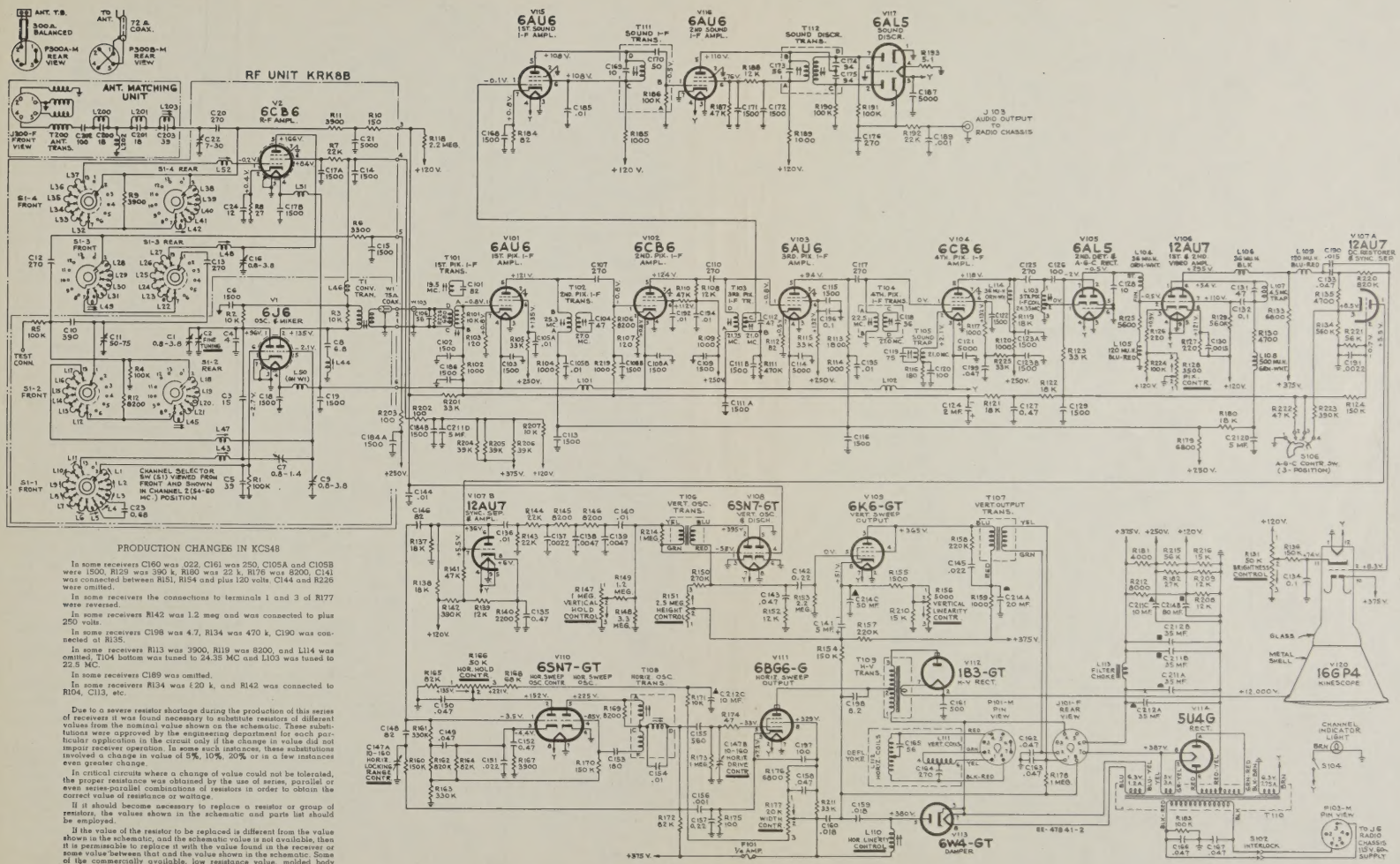
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY Models 6T86 and 6T87 92569-12W RMA 274 RL 111-A1
13867	Cap—Dust cap
75682	Cone—Cone and voice coil assembly (3.2 ohms)
75681	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms)
	SPEAKER ASSEMBLY Model 6T84 92569-9 WRMA 274 RL 111—14
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly
74974	Speaker—12" P.M. speaker (3.16 oz.) complete with cone and voice coil (3.2 ohms)
	SPEAKER ASSEMBLY 92569-9B Model 6T84
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	NOTE: If stamping on speaker does not agree with above number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
75700	Back—Back cover complete with terminal board and power cord for television chassis Models 6T84 and 6T86)
75701	Back—Back cover complete with terminal board and power cord for television chassis (Model 6T87)
10705	Ball—Steel ball for detent (5/32 dia.)
75473	Board—Television antenna terminal board (2 contact)
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket
75228	Bracket—Focus magnet mounting bracket—upper
75229	Bracket—Focus magnet mounting bracket—lower
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for cabinet door
75167	Clip—Tubular clip for mounting stand-off capacitor C171, C172
X3144	Cloth—Cloth picture for mahogany or walnut instruments (Model 6T84)
X3093	Cloth—Grille cloth for oak instruments (Model 6T84 and 6T87)
X3130	Cloth—Grille cloth for mahogany or walnut instruments (Models 6T86 and 6T87)
30868	Connector—2 contact female connector for main cable
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for television antenna cable
75474	Connector—Single contact male connector for speaker (on main cable) (2 required)
75703	Connector—8 contact male connector for television power cord assembly less shell
75517	Contact—Anode connector assembly contact only
70392	Cord—Power cord and plug—part of main cable
75702	Cord—Television power cord complete with two (2) contact female connector less 5 contact male connector
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Dust seal cushion (rubber) for kinescope mask
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75640	Decal—Television controls function decal for mahogany or walnut instruments
75680	Decal—Television controls function decal for oak instruments
71984	Decal—Trade mark decal (RCA Victor)
74273	Decal—Trade mark decal (Victrola)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass
74838	Grommet—Power cord strain relief (1 set)
16058	Grommet—Rubber grommet for 2nd anode lead
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
37396	Grommet—Rubber grommet to mount speaker (4 required)
74308	Hinge—Cabinet door hinge (1 set)
36817	Hinge—Cabinet door hinge (1 set) for center door (Model 6T84)
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
75714	Knob—Function switch knob—maroon—for mahogany or walnut instruments
75715	Knob—Function switch knob—tan—for oak instruments

Continued on page 134, column 2


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
C211
V101 6AU6 1ST PIX I-F AMP.
T101 1ST PIX I-F TRANS.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
V115 6AU6 1ST SOUND I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7GT VERT. SWEEP OSC. & DISCH.
D-48737
POWER CORD


FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
L113
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
T111 SND. I-F TRANS.
V116 6AU6 2ND SND I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V115 6AU6 1ST SOUND I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V105 6AL5 PIX DET. & AGC RECT.
T107
V107 12AU7 DC RESTORER & SYNC AMP.
V106 12AU7 1ST & 2ND VIDEO AMP.
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V108 6SN7GT VERT. SWEEP OSC & DISCH.
T106 VERT. SWP. OSC TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
248727
POWER CORD


ANT. T.B.
300Ω BALANCED
TO ANT.
72Ω COAX.
P300A-M REAR VIEW
P300B-M REAR VIEW
RF UNIT KRK8B
ANT. MATCHING UNIT
J300-F FRONT VIEW
T200 ANT. TRANS.
V2 6CB6 R-F AMPL.
S1-4 FRONT
S1-4 REAR
S1-3 FRONT
S1-3 REAR
S1-2 FRONT
S1-2 REAR
S1-1 FRONT
V1 6J6 OSC. & MIXER
T1 CONV. TRAN.
W1 T5A COAX
TEST CONN.
CHANNEL SELECTOR SW (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION
V15 6AU6 1ST. SOUND I-F AMPL.
T111 SOUND I-F TRANS.
V16 6AU6 2ND SOUND I-F AMPL.
T112 SOUND DISCR. TRANS.
V17 6AL5 SOUND DISCR.
J 103 AUDIO OUTPUT TO RADIO CHASSIS
+120 V.
V101 6AU6 1ST. PIX. I-F AMPL.
T101 1ST. PIX. I-F TRANS.
V102 6CB6 2ND. PIX. I-F AMPL.
T102 2ND. PIX. I-F TRANS.
V103 6AU6 3RD. PIX. I-F AMPL.
T103 3RD. PIX. I-F TRANS.
V104 6CB6 4TH. PIX. I-F AMPL.
T104 4TH. PIX. I-F TRANS.
T105 SOUND TRAP
V105 6AL5 2ND. DET. & A-G-C RECT.
V106 12AU7 1ST. & 2ND VIDEO AMPL.
V107 A 12AU7 DC RESTORER & SYNC. SEP.
V107 B 12AU7 SYNC SEP. & AMPL.
T106 VERT. OSC. TRANS.
V108 6SN7-GT VERT. OSC. & DISCH.
V109 6K6-GT VERT. SWEEP OUTPUT
T107 VERT. OUTPUT TRANS.
V110 6SN7-GT HOR. SWEEP OSC. & HOR. SWEEP OSC.
T108 HORIZ. OSC. TRANS.
V111 6BG6-G HORIZ. SWEEP OUTPUT
V112 1B3-GT H-V RECT.
V113 6W4-GT DAMPER
V114 5U4G RECT.
V120 16GP4 KINESCOPE
T110 POWER TRANS.
S102 INTERLOCK
S104 CHANNEL INDICATOR LIGHT
S106 A-G-C CONTR. SW. (3-POSITION)
J101-F REAR VIEW
J101-M PIN VIEW
P103-M PIN VIEW
TO J-E RADIO CHASSIS 115 V. 60 CYCLE SUPPLY
+375 V.
+250 V.
+120 V.
+12,000 V.
88-478-1-2

PRODUCTION CHANGES IN KCS48

In some receivers C160 was .022, C161 was 250, C105A and C105B were 1500, R129 was 390 k, R180 was 22 k, R176 was 8200, C141 was connected between R151, R154 and plus 120 volts. C144 and R226 were omitted.

In some receivers the connections to terminals 1 and 3 of R177 were reversed.

In some receivers R142 was 1.2 meg and was connected to plus 250 volts.

In some receivers C198 was 4.7, R134 was 470 k, C190 was connected at R135.

In some receivers R113 was 3900, R119 was 8200, and L114 was omitted, T104 bottom was tuned to 24.35 MC and L103 was tuned to 22.5 MC.

In some receivers C189 was omitted.

In some receivers R134 was 220 k, and R142 was connected to R104, C113, etc.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissable to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive effect of these resistors may impair circuit operation.

For circuit diagram of other chassis used in these models see page 65.

Model

6T84 Fairfax

6T86 Rutland

6T87 Hartford

Chassis Number

KCS 48

SECTION I

Parts With Circuit-Symbol Numbers

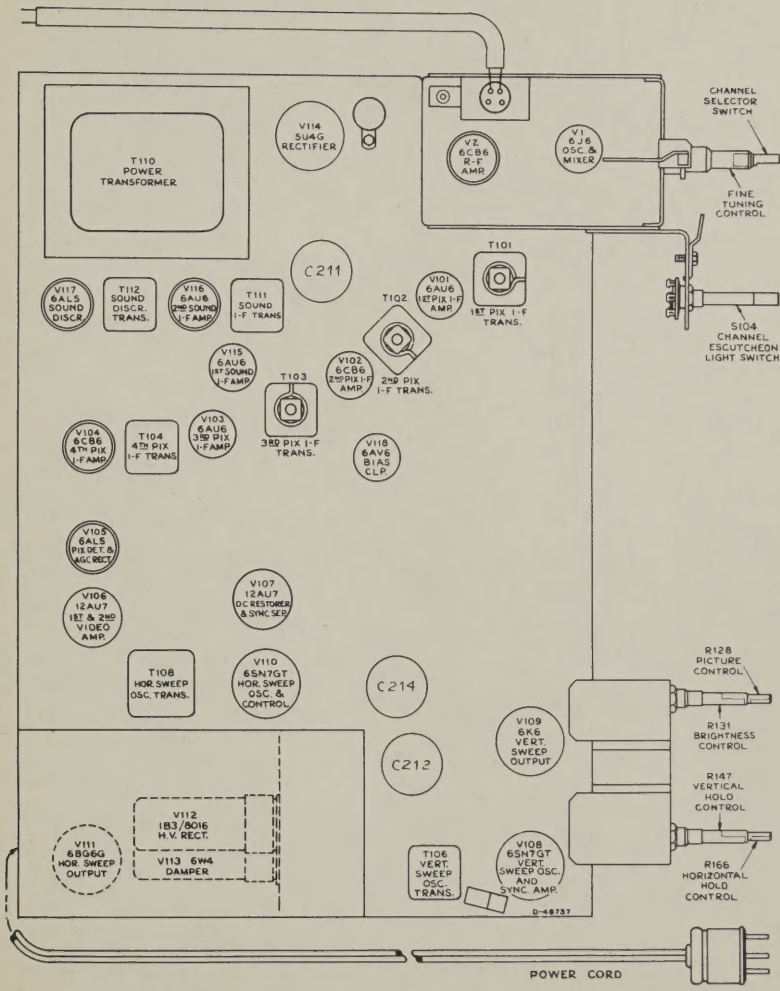
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	73877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45465	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, .047 μf - volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .005 μf - 600 volts
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .018 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C189	73599	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L203
C202		See T200
C203	75437	Ceramic, 100 μμf
C204	75450	Ceramic, 39 μμf
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C214	75592	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf
		FUSE
F101	73600	.25 amp fuse. 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Single contact female connector for audio cable
J105	75842	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-3, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity control
L111	74952	Deflection yoke incl. L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil
L115	76132	Peaking coil
L131	75251	4.5 mc trap
L200	75242	IF trap incl. L200, C200, L201, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		18,000 ohms, ±10%, ½ watt
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±10%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±5%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128, R131
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		220,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		180,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, 1 watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, ½ watt
R169		8200 ohms, ±5%, ½ watt
R170		150,000 ohms, ±5%, 1 watt
R171		10,000 ohms, ±10%, ½ watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		22,000 ohms, ±10%, ½ watt
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		1000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, ½ watt
R212	75593	Wire wound, 8000 ohms, 15 watts
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		220,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, ½ watt
R230		4700 ohms, ±10%, ½ watt
R231		220,000 ohms, ±10%, ½ watt
R232		220,000 ohms, ±10%, ½ watt
R233		100,000 ohms, ±10%, ½ watt
R234		56,000 ohms, ±10%, ½ watt
R235		5600 ohms, ±10%, ½ watt
R236		10,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75594	Indicator light switch
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75518	High-voltage transformer
T110	75508	Power transformer, 115 volts, 60 cycle
T111	71424	Sound IF transformer, dual winding type, incl. T111, C169, C170
	75211	Sound IF transformer, simple winding type, incl. T111, C169, C170, R186
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and shunt coil T20, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLES
W1	75201	75 ohms coax cable (71¼") complete with coil W1, L50

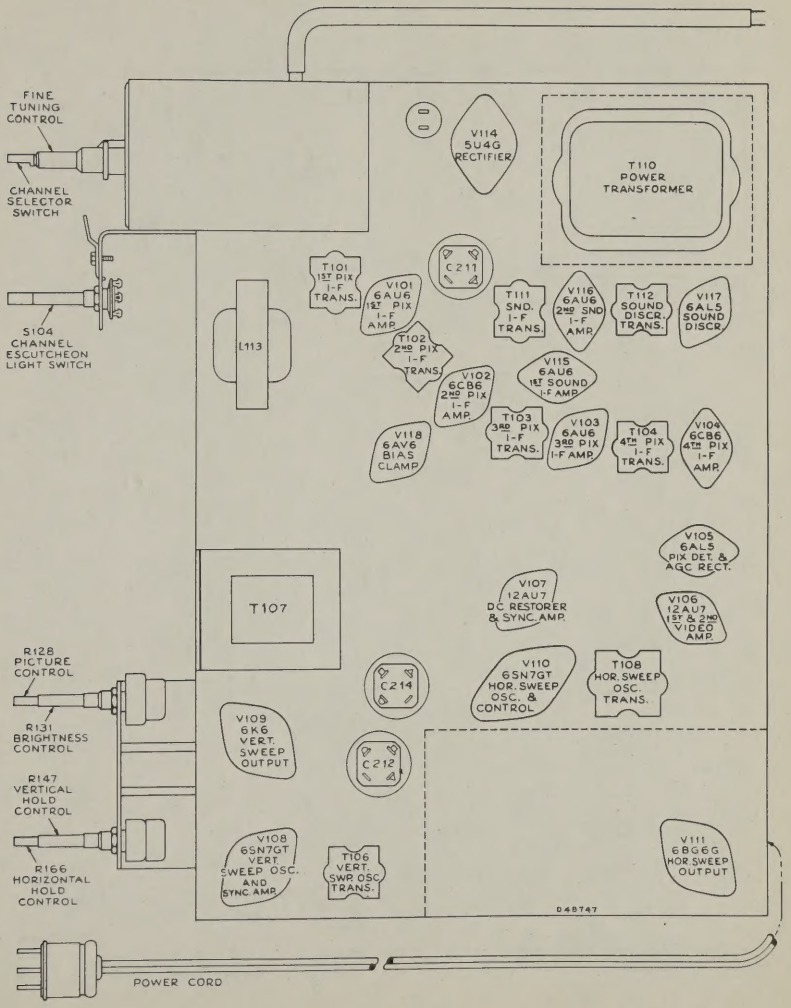
SECTION II

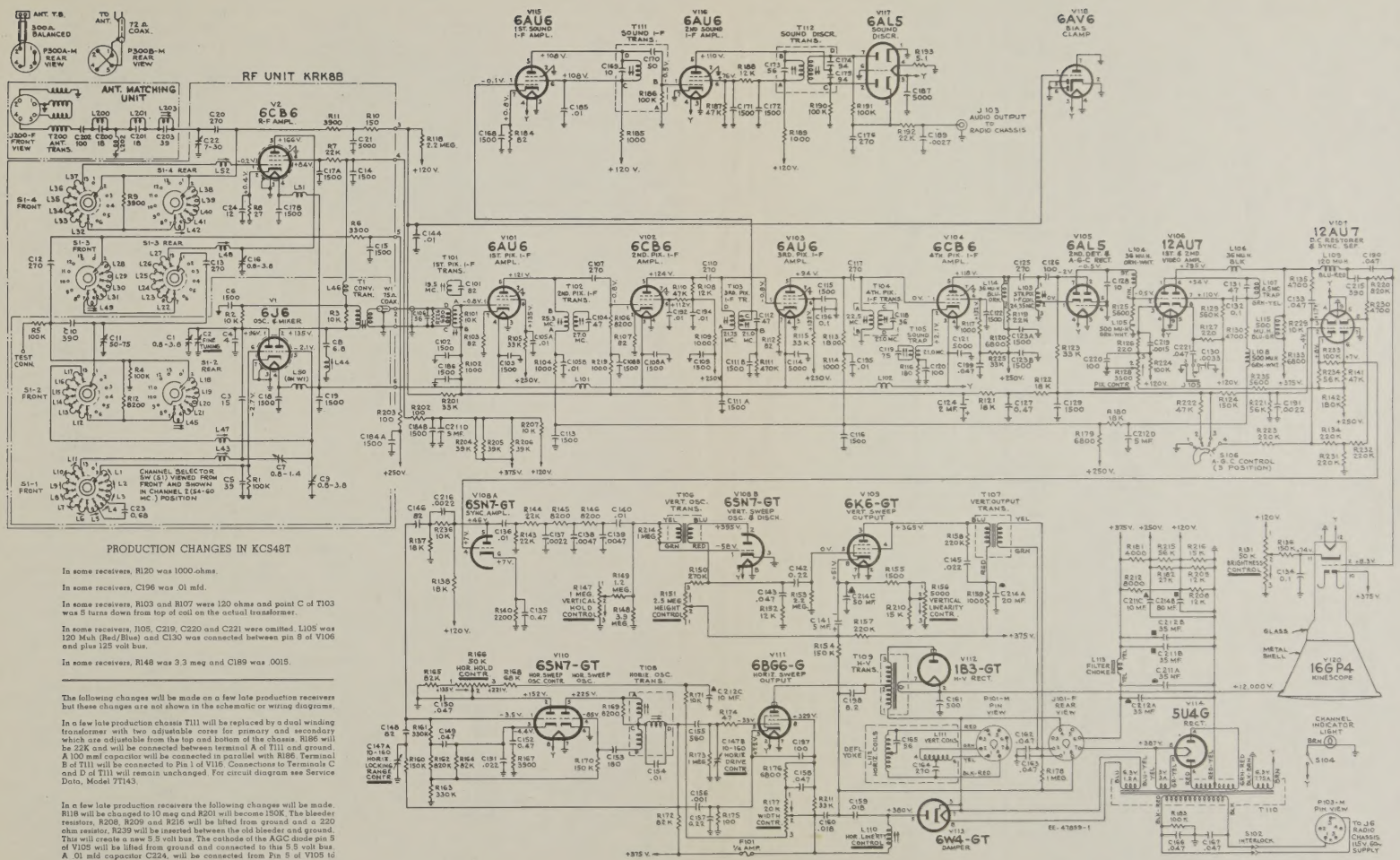
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY Models 6T86 and 6T87 92569-12W RMA 274 RL 111-A1
13867	Cap—Dust cap
75682	Cone—Cone and voice coil assembly (3.2 ohms)
75681	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms)
	SPEAKER ASSEMBLY Model 6T84 92569-9 WRMA 274 RL 111—14
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly
74974	Speaker—12" P.M. speaker (3.16 oz.) complete with cone and voice coil (3.2 ohms)
	SPEAKER ASSEMBLY 93569-9B Model 6T84
75875	Cone—Cone and voice coil assembly (3.2 ohms) NOTE: If stamping on speaker does not agree with above number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
75700	Back—Back cover complete with terminal board and power cord for television chassis (Models 6T84 and 6T86)
75701	Back—Back cover complete with terminal board and power cord for television chassis (Model 6T87)
10705	Ball—Steel ball for detent (5/32 dia.)
75188	Board—Terminal board, 5 contact and ground
75473	Board—Television antenna terminal board (2 contact)
75067	Bracket—Vertical bracket for holding oscillator tube shield
75515	Bracket—Channel indicator lamp bracket
75228	Bracket—Focus magnet mounting bracket —upper
75229	Bracket—Focus magnet mounting bracket —lower
71599	Bracket—Pilot lamp bracket
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for cabinet door
75167	Clip—Tubular clip for mounting stand-off capacitor C171, C172
X3144	Cloth—Grille cloth for mahogany or walnut instruments (Model 6T84)
X3093	Cloth—Grille cloth for oak instruments (Model 6T84 and 6T87)
X3130	Cloth—Grille cloth for mahogany or walnut instruments (Models 6T86 and 6T87)
74594	Connector—2 contact male connector for power cord
30868	Connector—2 contact female connector for main cable
39153	Connector—4 contact male connector for television antenna cable
75703	Connector—5 contact male connector for television power cord assembly less shell
75474	Connector—Single contact male connector for speaker (on main cable) (2 required)
75517	Contact—Contact for assembly in contact only
75702	Cord—Television power cord complete with 2 contact female connector less 5 contact male connector
70392	Cord—Power cord and plug—part of main cable
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75608	Cushion—Dust seal cushion (rubber) for kinescope mask
75640	Decal—Television controls function decal for mahogany or walnut instruments
75680	Decal—Television controls function decal for oak instruments
74273	Decal—Trade mark decal (Victrola)
71984	Decal—Trade mark decal (RCA Victor)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass
74838	Grommet—Power cord strain relief (1 set)
37396	Grommet—Rubber grommet to mount speaker (4 required)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set)
36817	Hinge—Cabinet door hinge (1 set) for center door (Model 6T84)
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
75714	Knob—Function switch knob — maroon — for mahogany or walnut instruments

Continued on page 134, column 3


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
C211
T101
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
T102
2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
V115 6AU6 1ST SOUND I-F AMP.
T103
3RD PIX I-F TRANS.
V118 6AV6 BIAS CLP.
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
V105 6AL5 PIX DET. & AGC REC.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7GT VERT. SWEEP OSC. AND SYNC. AMP.
D-48737
POWER CORD


FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
L113
T111 SND. I-F TRANS.
V116 6AU6 2ND SND I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V115 6AU6 1ST SOUND I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V118 6AV6 BIAS CLAMP
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC. AMP.
T107
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V108 6SN7GT VERT. SWEEP OSC. AND SYNC. AMP.
T106 VERT. SWP. OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D48747
POWER CORD



PRODUCTION CHANGES IN KCS48T

In some receivers, R120 was 1000 ohms.

In some receivers, C196 was .01 mfd.

In some receivers, R103 and R107 were 120 ohms and point C of T103 was 5 turns down from top of coil on the actual transformer.

In some receivers, J105, C219, C220 and C221 were omitted. L105 was 120 Muh (Red/Blue) and C130 was connected between pin 8 of V106 and plus 125 volt bus.

In some receivers, R148 was 3.3 meg and C189 was .0015.

The following changes will be made on a few late production receivers but these changes are not shown in the schematic or wiring diagrams.

In a few late production chassis T111 will be replaced by a dual winding transformer with two adjustable cores for primary and secondary which are adjustable from the top and bottom of the chassis. R186 will be 22K and will be connected between terminal A of T111 and ground. A 100 mmf capacitor will be connected in parallel with R186. Terminal B of T111 will be connected to Pin 1 of V116. Connections to Terminals C and D of T111 will remain unchanged. For circuit diagram see Service Data, Model 7T143.

In a few late production receivers the following changes will be made. R118 will be changed to 10 meg and R201 will become 150K. The bleeder resistors, R208, R209 and R216 will be lifted from ground and a 220 ohm resistor, R239 will be inserted between the old bleeder and ground. This will create a new 5.5 volt bus. The cathode of the AGC diode pin 5 of V105 will be lifted from ground and connected to this 5.5 volt bus. A .01 mfd capacitor C224, will be connected from Pin 5 of V105 to ground. Video load resistors R133, R229, and L115 will be removed. A 2700 ohm resistor R139 will be connected to junction of L106 and L109. R133 a 4700 ohm resistor will be connected between R139 and the 375 volt bus. A 270 mmf. capacitor C223 will be connected from the junction of R133, R139 and to Pin 8 of V107. C130 will be changed to .0033 mfd. For circuit diagram, see the Service Data for Model 7T143.

For circuit diagram of other chassis used in these models see page 61.

Model
6T84 Fairfax
6T86 Rutland
6T87 Hartford

Chassis Number
KCS 48 T

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type .018 μμf - 1000 volts
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf. See L22
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L32
C13	75196	Ceramic, 39 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75789	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T102
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T111
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	45233	Ceramic, 100 μμf
C127	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, 0.1 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39638	Mica, 270 μμf
C181	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
	73960	Ceramic, 10,000 μμf
	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	45233	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 350 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	45233	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	45233	Ceramic, 100 μμf
C223	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts

Symbol	Stock No.	Description
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J102	5039	4 contact male connector
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer. See T200
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap incl. L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165
L112		See L111
L113	76284	Filter choke
L114	76285	Peaking coil
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203

Symbol	Stock No.	Description
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt. See L12
R5	504410	100,000 ohms, ±20%, ½ watt. See L12
R6	503233	3300 ohms, ±10%, ½ watt. See L22
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt. See L32
R10	504115	150 ohms, ±20%, ½ watt. See L32
R11	503239	3900 ohms, ±10%, ½ watt. See L32
R12	503282	8200 ohms, ±10%, ½ watt. See L12
R101		See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	503282	8200 ohms, ±10%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	512312	12,000 ohms, ±5%, 1 watt
R109	504410	100,000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113	503218	1800 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119		See L114
R120	513268	6800 ohms, ±10%, 1 watt
R130	30494	4700 ohms, ±5%, ½ watt
R131		See R128
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	22,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503118	180 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R149	503482	820,000 ohms, ±10%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	504368	12,000 ohms, ±5%, ½ watt
R153	503522	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	504368	12,000 ohms, ±5%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	512433	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	502282	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R172	512382	82,000 ohms, ±5%, 1 watt
R173	503482	820,000 ohms, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R188	503312	12,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R190	3250	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R194	504610	10 megohms, ±20%, ½ watt
R195	76171	Volume control and power switch R195, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R197	503318	18,000 ohms, ±10%, ½ watt
R198	503433	330,000 ohms, ±10%, ½ watt
R199	504447	470,000 ohms, ±20%, ½ watt
R200	513139	390 ohms, ±10%, 1 watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R213	503322	22,000 ohms, ±10%, ½ watt
R214	504510	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R217	503110	100 ohms, ±10%, ½ watt
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	503482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76065	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	76170	Tone control and phono switch less volume control and power switch
S105		See R128
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	71424	Sound IF transformer incl. T111, C169, C170
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	75520	Output transformer
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and antenna shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200

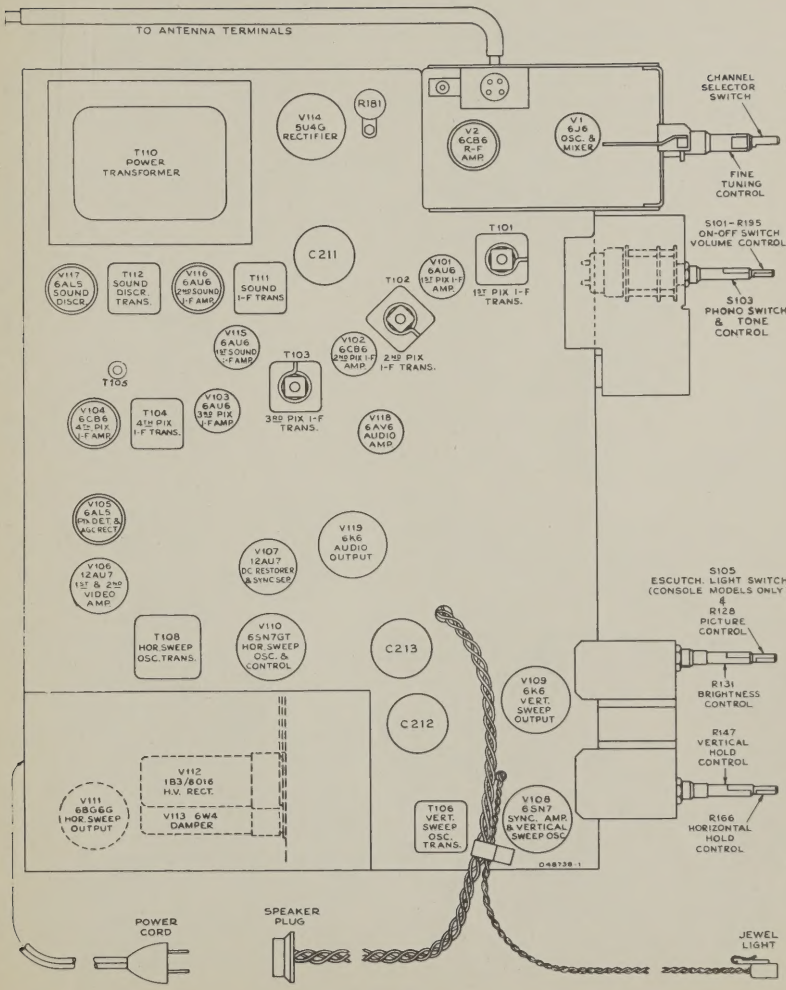
Symbol	Stock No.	Description
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with Coil W1, L50

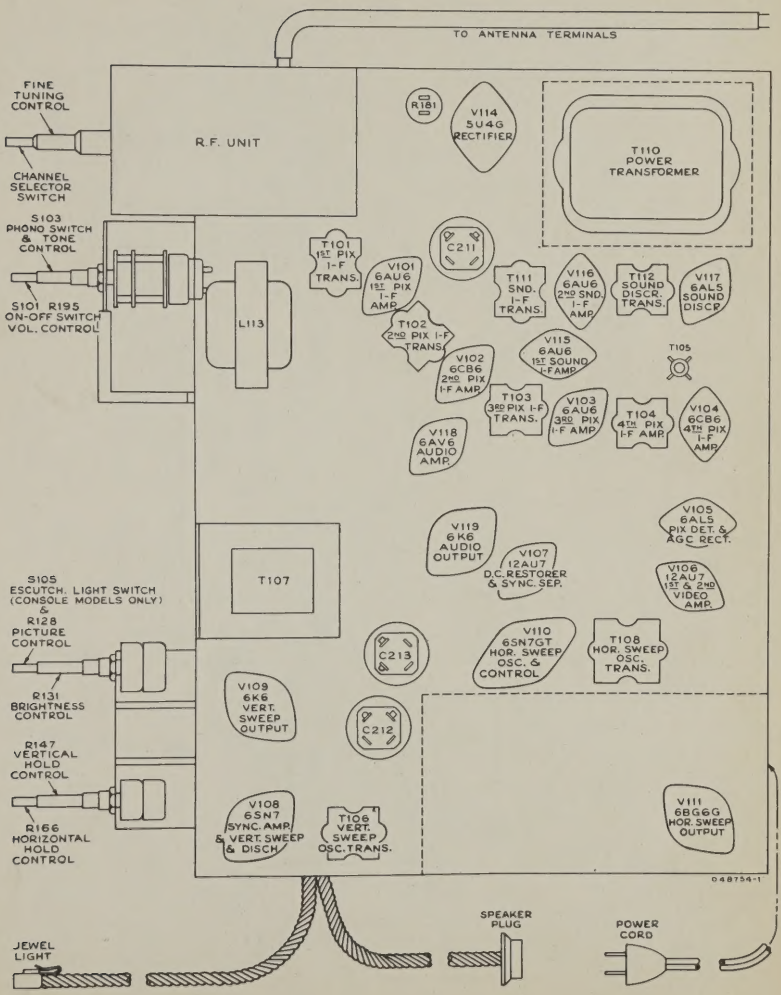
SECTION II

Parts Without Circuit-Symbol Numbers

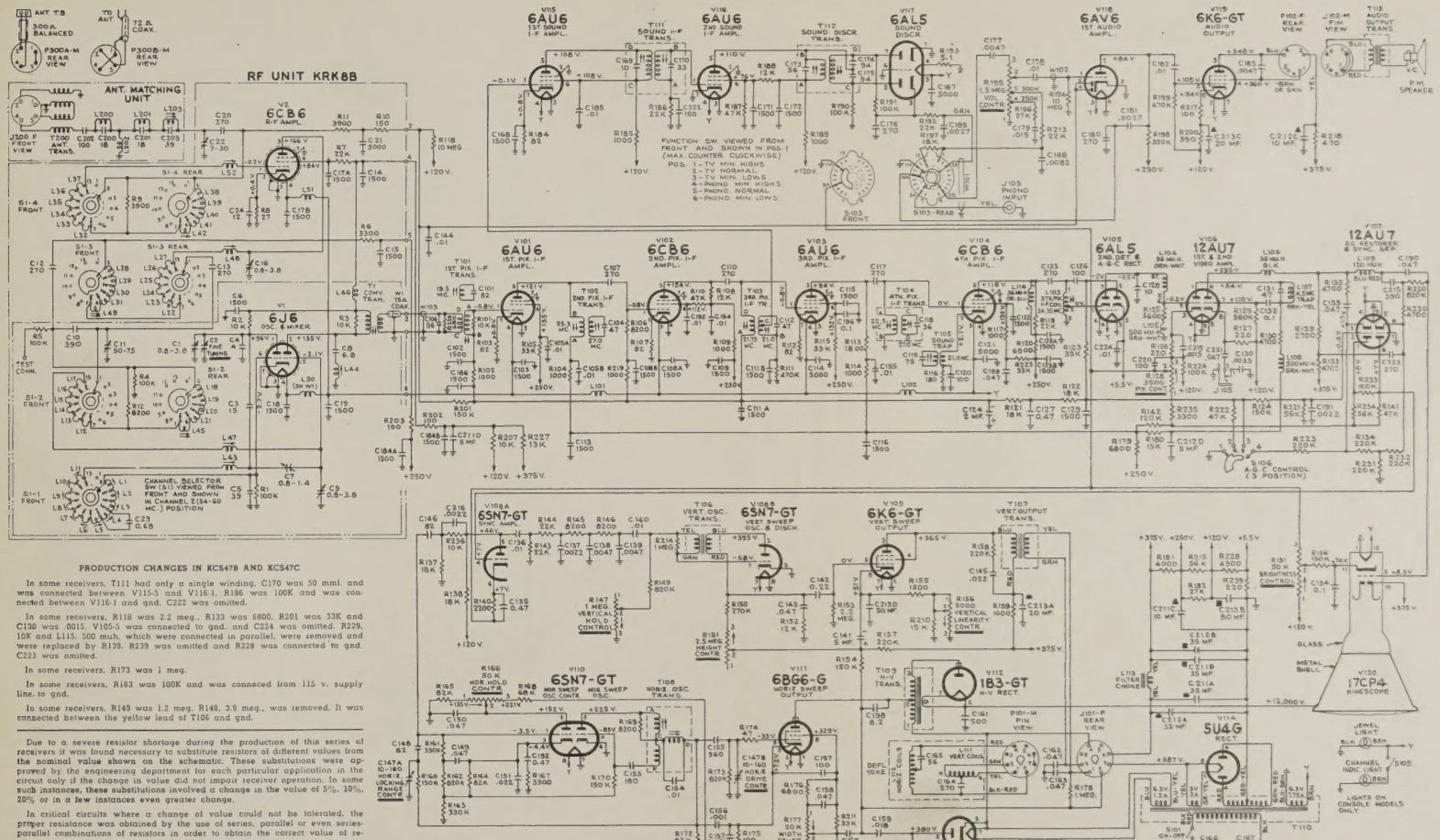
Stock No.	Description
	SPEAKER ASSEMBLIES
	92580-4W
	RL-105C10
	RMA-274
	(For Models 7T103, 7T104)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES
	92580-4F
	RMA-150
	(For Models 7T103, 7T104)
76120	Cone—Cone complete with voice coil (3.2 ohms)
	SPEAKER ASSEMBLIES
	92569-11W
	RL-111A2
	RMA-274
	(For Models 7T112, 7T122, 7T123, 7T124)
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector
74974	Speaker—12" P.M. speaker complete with cone and voice coil less transformer and plug
75220	Transformer—Output transformer
	SPEAKER ASSEMBLIES
	92569-11B
	(For Models 7T112, 7T122, 7T123, 7T124)
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES
	92569-11R
	RMA-283
	(For Models 7T112, 7T122, 7T123, 7T124)
76121	Cone—Cone and voice coil assembly (3.2 ohms)
	MISCELLANEOUS
76181	Back—Cabinet back complete with power cord and terminal board for Models 7T112, 7T122, 7T123
76182	Back—Cabinet back complete with power cord and terminal board for Model 7T124
76183	Back—Cabinet back complete with power cord and terminal board for Models 7T103, 7T104
76184	Board—"Ant" terminal board—2 contact —part of back
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket for 7T112, 7T122, 7T123, 7T124
76178	Bracket—Suspension bracket for deflection yoke hood assembly for Models 7T103, 7T104, 7T112, 7T122, 7T123
76179	Bracket—Suspension bracket for deflection yoke hood assembly for Model 7T124
71599	Bracket—Pilot lamp bracket for Models 7T112, 7T122, 7T123, 7T124
75067	Bracket—Vertical bracket for holding oscillator tube shield

Continued on page 134, column 5


TO ANTENNA TERMINALS
T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
R181
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOLUME CONTROL
S103 PHONO SWITCH & TONE CONTROL
C211
T101
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS
T102
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS.
T103
T105
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
3RD PIX I-F TRANS.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V119 6K6 AUDIO OUTPUT
V107 12AU7 DC RESTORER & SYNC SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
S105 ESCUTCH. LIGHT SWITCH (CONSOLE MODELS ONLY)
R128 PICTURE CONTROL
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP. & VERTICAL SWEEP OSC.
R166 HORIZONTAL HOLD CONTROL
048738-1
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


TO ANTENNA TERMINALS
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
R.F. UNIT
R181
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
S103 PHONO SWITCH & TONE CONTROL
S101 R195 ON-OFF SWITCH VOL. CONTROL
L113
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
C211
T111 SND. I-F TRANS.
V116 6AU6 2ND SND. I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
T102 2ND PIX I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T105
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
T107
V119 6K6 AUDIO OUTPUT
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
S105 ESCUTCH. LIGHT SWITCH (CONSOLE MODELS ONLY) & R128 PICTURE CONTROL
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
R131 BRIGHTNESS CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V108 6SN7 SYNC. AMP. & VERT. SWEEP & DISCH.
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
048754-1
JEWEL LIGHT
SPEAKER PLUG
POWER CORD

Circuit Diagram for Chassis Numbers KCS47B, KCS47C


RF UNIT KRK8B
ANT. MATCHING UNIT
ANT. T.B.
300 Ω. BALANCED
TO ANT
72 Ω. COAX.
P300A-M REAR VIEW
P300B-M REAR VIEW
J200 F FRONT VIEW
T200 ANT. TRANS.
V2 6CB6 R-F AMPL.
V15 6AU6 1ST SOUND I-F AMPL.
T111 SOUND I-F TRANS.
V16 6AU6 2ND SOUND I-F AMPL.
T112 SOUND DISCR. TRANS.
V17 6AL5 SOUND DISCR.
V18 6AV6 1ST AUDIO AMPL.
V19 6K6-GT AUDIO OUTPUT
T113 AUDIO OUTPUT TRANS.
P.M. SPEAKER
FUNCTION S/W VIEWED FROM FRONT AND SHOWN IN POS. 1 (MAX. COUNTER CLOCKWISE)
POS. 1 - TV MIN. HIGHS
2 - TV NORMAL
3 - TV MIN. LOWS
4 - PHONO. MIN. HIGHS
5 - PHONO. NORMAL
6 - PHONO. MIN. LOWS
S103 FRONT
S103 - REAR
J103 PHONO INPUT
V1 6J6 OSC. & MIXER
T1 CONV. TRANS.
V101 6AU6 1ST PIX. I-F AMPL.
T101 1ST PIX. I-F TRANS.
V102 6CB6 2ND PIX. I-F AMPL.
T102 2ND PIX. I-F TRANS.
V103 6AU6 3RD PIX. I-F AMPL.
T103 3RD PIX. I-F TRANS.
V104 6CB6 4TH PIX. I-F AMPL.
T104 4TH PIX. I-F TRANS.
V105 6AL5 2ND DET. & A.G.C. RECT.
V106 12AU7 1ST & 2ND VIDEO AMPL.
V107 12AU7 D.C. RESTORER & SYNC. SEP.
S106 A.G.C. CONTROL (3 POSITION)
CHANNEL SELECTOR SW (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION
V108A 6SN7-GT SYNC. AMPL.
V108B 6SN7-GT VERT. SWEEP OSC. & DISCH.
T106 VERT. OSC. TRANS.
V109 6K6-GT VERT. SWEEP OUTPUT
T107 VERT. OUTPUT TRANS.
V110 6SN7-GT HOR. SWEEP OSC. CONTR.
T108 HOR. OSC. TRANS.
V111 6BG6-G HOR. SWEEP OUTPUT
T109 H.V. TRANS.
V112 1B3-GT H.V. RECT.
V113 6W4-GT DAMPER
V114 5U4G RECT.
V120 17CP4 KINESCOPE
GLASS
METAL SHELL
JEWEL LIGHT
CHANNEL INDIC. LIGHT
LIGHTS ON CONSOLE MODELS ONLY
S105 ON-OFF SW.
S103 INTERLOCK
115 V. 60 CY. SUPPLY
DEFL. YOKE
HOR. DEFL. COILS
VERT. COILS
EE-47869-3

PRODUCTION CHANGES IN KCS47B AND KCS47C

In some receivers, T111 had only a single winding, C170 was 50 mmf. and was connected between V115-5 and V116-1. R186 was 100K and was connected between V116-1 and gnd. C222 was omitted.

In some receivers, R118 was 2.2 meg., R133 was 6800, R201 was 33K and C130 was .0015. V105-5 was connected to gnd. and C224 was omitted. R229, 10K and L115, 500 muh, which were connected in parallel, were removed and were replaced by R139. R239 was omitted and R228 was connected to gnd. C223 was omitted.

In some receivers, R173 was 1 meg.

In some receivers, R183 was 100K and was connected from 115 v. supply line to gnd.

In some receivers, R149 was 1.2 meg. R148, 3.9 meg., was removed. It was connected between the yellow lead of T106 and gnd.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in the value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive affect of these resistors may impair circuit operation.

Model

7T103 Newport

7T104 Kent

7T112 Highland

7T122 Fairfield

7T123 Regency

7T124 Modern

Chassis Number

KCS 47 B

KCS 47 C

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L12, L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L12, L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 8.8 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	45233	Ceramic, 100 μμf
C127	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	39638	Mica, 270 μμf
	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See L71
C171	75166	Ceramic, 1500 μμf (stand off)
C172	75166	Ceramic, 1500 μμf (stand off)
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39368	Mica, 270 μμf
C181	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	45233	Ceramic, 100 μμf
C198	75646	Ceramic, 4.7 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 1 section of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C214	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73802	Tubular, paper, oil-impregnated, .0015 μf - 1000 volts
C220	45233	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	45233	Ceramic, 100 μμf
C223	76303	Ceramic, 270 μμf
	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf
C231	76384	Ceramic, 56 μμf
C232	75250	Tubular, moulded paper, oil-impregnated, 250 μμf, 12,500 volts

Symbol	Stock No.	Description
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J102	5039	4 contact male connector
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer. See T200
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap incl. L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165
L112		See L111
L113	76284	Filter choke
L114	76285	Peaking coil incl. L114, R119
L200	76242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap incl. L203, C203

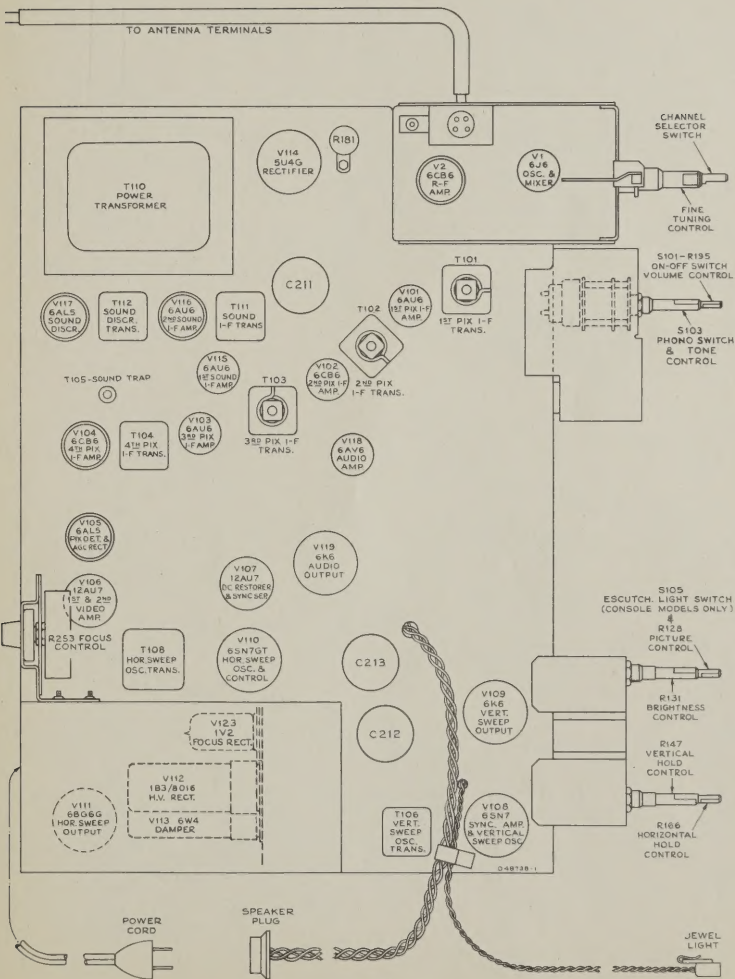
Symbol	Stock No.	Description
		CONNECTORS
P101	35383	8 contact male connector, part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt. See L12
R101		See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	502282	8200 ohms, ±5%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	512312	12,000 ohms, ±5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	503347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113	503218	1800 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119		See L114
R120	513268	6800 ohms, ±10%, 1 watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	150,000 ohms, ±20%, ½ watt
R125	50737	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503415	150,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R149	503482	820,000 ohms, ±10%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503522	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	512433	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	503282	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R172	512382	82,000 ohms, ±5%, 1 watt
R173	503482	820,000 ohms, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	503327	27,000 ohms, ±10%, ½ watt
R183	503312	12,000 ohms, ±10%, ½ watt
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	10,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R194	504610	10 megohms, ±20%, ½ watt
R195	76171	Volume control and power switch R195, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R197	503318	18,000 ohms, ±10%, ½ watt
R198	504333	33,000 ohms, ±20%, ½ watt
R199	504447	470,000 ohms, ±20%, ½ watt
R200	513139	390 ohms, ±10%, 1 watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R213	503322	22,000 ohms, ±10%, ½ watt
R214	504510	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R217	503110	100 ohms, ±10%, ½ watt
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	504482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76065	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt
R251	76382	Wire wound, 0.82 ohms, ½ watt
R252	523610	10 megohms, ±10%, 2 watts
R253	76503	Focus control
R254	523618	18 megohms, ±10%, 2 watts
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	76170	Tone control and phono switch less volume control and power switch
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C119
T106	74144	Vertical output transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	76381	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	71424	Sound IF transformer incl. T111, C169, C170
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	75520	Audio output transformer
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and antenna shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms, coax cable (7¼") complete with coil W1, L50

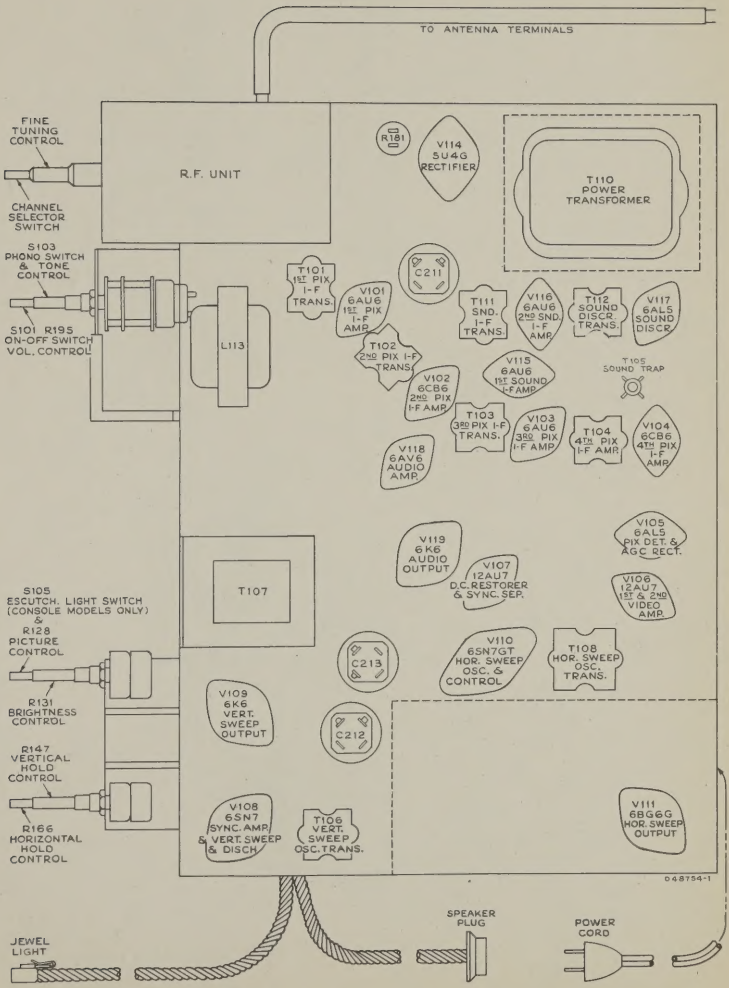
SECTION II

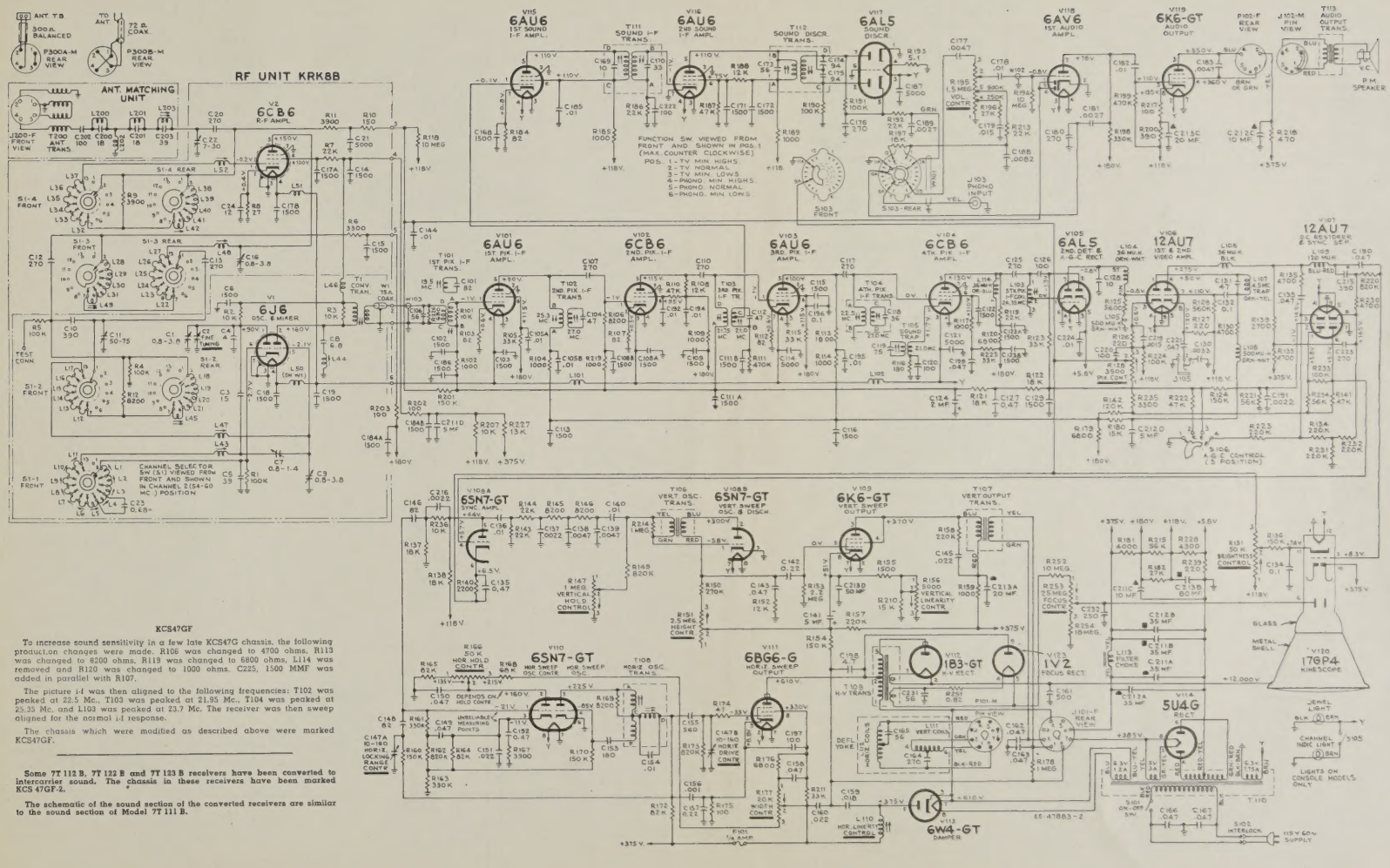
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES 971494-1W RL-11192 RMA-274 (For Models 7T112B, 7T122B, 7T123B, 7T125B)
75023	Cap—Dust cap
76296	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
76389	Speaker—12" P.M. speaker complete, with cone and voice coil (3.2 ohms) less output transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92580-4W RL-105C10 RMA-274 (For Models 7T103B, 7T104B)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer
	NOTE: If stamping on speaker in instrument does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76506	Back—Cabinet back complete with terminal board and power cord
76385	Back—Cabinet back complete with power cord and terminal board for Models 7T103B and 7T104B
76386	Back—Cabinet back complete with power cord and terminal board for Models 7T112B, 7T122B, 7T123B, and 7T125B
76184	Board—"Ant" terminal board—2 contact—part of back
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket for Models 7T112B, 7T122B, 7T123B, 7T125B
71599	Bracket—Pilot lamp bracket for Models 7T112B, 7T122B, 7T123B, 7T125B
76178	Bracket—Suspension bracket for deflection yoke hood assembly for Models 7T103B, 7T104B, 7T112B, 7T122B, 7T123B, 7T125B
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap for Models 7T112B, 7T122B, 7T123B, 7T125B
71892	Catch—Safety catch and strike for doors for Models 7T122B, 7T123B, 7T125B
75167	Clip—Tubular clip for mounting stand-off capacitors C14, C15, C19
X3123	Cloth—Grille cloth for mahogany or walnut instruments for Models 7T112B, 7T122B, 7T123B
X3199	Cloth—Grille cloth for mahogany or walnut instruments
X3089	Cloth—Grille cloth for oak instruments for Models 7T112B, 7T122B, 7T123B
X3130	Cloth—Grille cloth for Model 7T125B
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Diode connector contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor
71498	Core—Adjustable core and stud for FM trap L200
75608	Cushion—Kinescope masking panel dust seal (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood
76127	Decal—Control panel function decal for mahogany or walnut instruments for Models 7T112B, 7T122B, 7T123B, 7T125B

Continued on page 135, column 2


TO ANTENNA TERMINALS
T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
R181
V2 6CB6 R-F AMP
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
C211
T101
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
T102
S101-R195 ON-OFF SWITCH VOLUME CONTROL
S103 PHONO SWITCH & TONE CONTROL
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS
V115 6AU6 1ST SOUND I-F AMP.
T105-SOUND TRAP
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS.
T103
3RD PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
V118 6AV6 AUDIO AMP
V105 6AL5 PIX DET. & AGC RECT.
V119 6K6 AUDIO OUTPUT
V107 12AU7 DC RESTORER & SYNC SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
S105 ESCUTCH. LIGHT SWITCH (CONSOLE MODELS ONLY)
R128 PICTURE CONTROL
R253 FOCUS CONTROL
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
R131 BRIGHTNESS CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
R147 VERTICAL HOLD CONTROL
V123 1V2 FOCUS RECT.
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP. & VERTICAL SWEEP OSC.
R166 HORIZONTAL HOLD CONTROL
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


TO ANTENNA TERMINALS
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S103 PHONO SWITCH & TONE CONTROL
S101 R195 ON-OFF SWITCH VOL. CONTROL
R.F. UNIT
L113
R181
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T111 SND. I-F TRANS.
V116 6AU6 2ND SND. I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
V115 6AU6 1ST SOUND I-F AMP.
T105 SOUND TRAP
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V119 6K6 AUDIO OUTPUT
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
T107
S105 ESCUTCH. LIGHT SWITCH (CONSOLE MODELS ONLY) & R128 PICTURE CONTROL
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
R131 BRIGHTNESS CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V108 6SN7 SYNC. AMP. & VERT. SWEEP & DISCH
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D48754-1
JEWEL LIGHT
SPEAKER PLUG
POWER CORD



KCS47GF

To increase sound sensitivity in a few late KCS47G chassis, the following product.on changes were made. R106 was changed to 4700 ohms, R113 was changed to 8200 ohms, R119 was changed to 6800 ohms, L114 was removed and R120 was changed to 1000 ohms. C225, 1500 MMF was added in parallel with R107.

The picture i-f was then aligned to the following frequencies: T102 was peaked at 22.5 Mc., T103 was peaked at 21.95 Mc., T104 was peaked at 25.35 Mc. and L103 was peaked at 23.7 Mc. The receiver was then sweep aligned for the normal i-f response.

The chassis which were modified as described above were marked KCS47GF.

Some 7T 112 B, 7T 122 B and 7T 123 B receivers have been converted to intercarrier sound. The chassis in these receivers have been marked KCS 47GF-2.

The schematic of the sound section of the converted receivers are similar to the sound section of Model 7T 111 B.

Model

7T103B Newport

7T104B Kent

7T112B Highland

7T122B Fairfield

7T123B Regency

7T125B Provincial

Chassis Number

KCS47F

KCS47G

KCS47GF

SECTION I

Parts With Circuit-Symbol Numbers

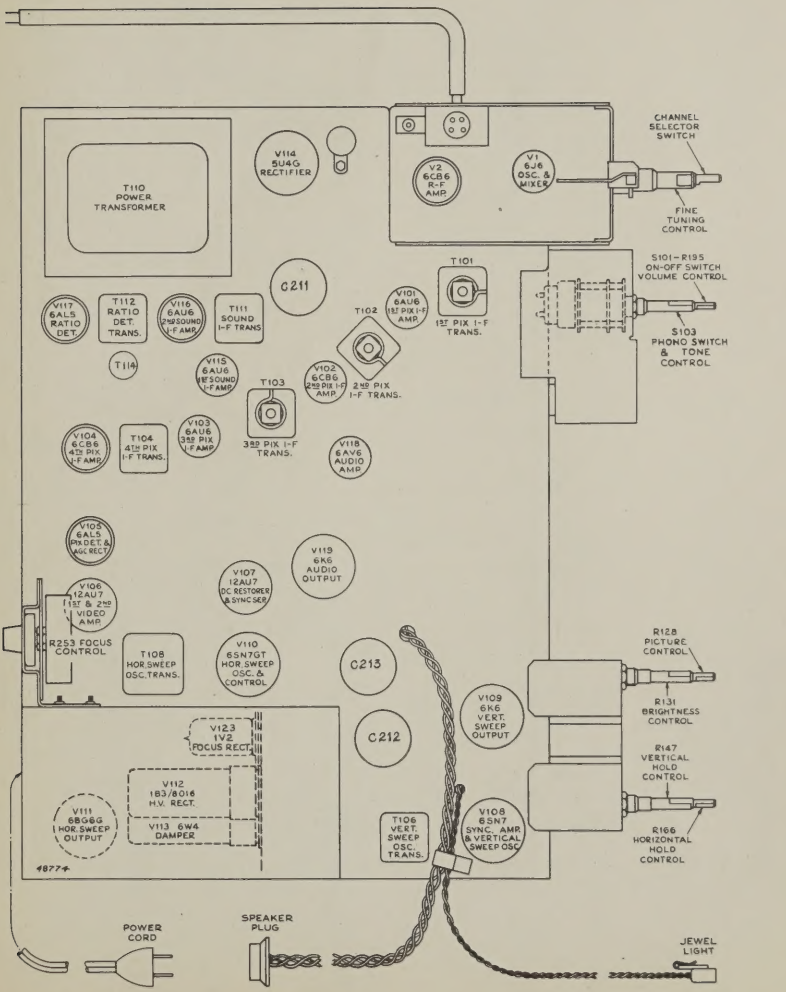
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf, ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16	75089	See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75196	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73093	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C120	73748	Ceramic, 1500 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	45233	Ceramic, 100 μμf
C127	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	39638	Ceramic, 4.7 μμf
C130		Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C162	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39368	Mica, 270 μμf
C181	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	45233	Ceramic, 100 μμf
C198	75646	Ceramic, 4.7 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202		Ceramic, 100 μμf. See T200
C203		Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C220	45233	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	71924	Ceramic, 56 μμf
C223	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf
C225	73748	Ceramic, 1500 μμf
C231	76384	Ceramic, 56 μμf
C232	75250	Tubular, moulded paper, oil-impregnated, 250 μμf, 12,500 volts
C275		See L106
C276		See T114
C277	73473	Ceramic, 4700 μμf
C278	76473	Mica, 330 μμf
C279	39644	Mica, 470 μμf
C280	39644	Mica, 470 μμf
C281	74521	Electrolytic, 5 μf - 50 volts
C282	73960	Ceramic, 10,000 μμf
C283	73960	Ceramic, 10,000 μμf
C284	73960	Ceramic, 10,000 μμf
C285	73960	Ceramic, 10,000 μμf
C286	73960	Ceramic, 10,000 μμf
C287	76532	Adjustable trimmer, steatite, 1-4 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	76704	4.3 mc trap L106, C275
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke L111, L112, C164, C165
L112		See L111
L113	76284	Filter choke
L114	76285	Peaking coil L114, R113
L115	73477	Choke coil
L116	75252	Peaking coil
L200	75242	IF trap L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±10%, ½ watt
R3	3078	1000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503222	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	503247	4700 ohms, ±10%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	512312	12,000 ohms, ±5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	503447	47,000 ohms, ±10%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113		See L114
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119	513268	6800 ohms, ±10%, 1 watt
R120	504210	1000 ohms, ±20%, ½ watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	150,000 ohms, ±20%, ½ watt
R125	30734	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75514	Picture control, brightness control, and channel light switch R128, R131, S105
R129	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt
R131		See R128
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503027	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503447	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R149	503482	820,000 ohms, ±10%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503522	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	512433	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	502282	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R172	512382	82,000 ohms, ±5%, 1 watt
R173	503482	820,000 ohms, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R183	503312	12,000 ohms, ±10%, ½ watt
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503447	47,000 ohms, ±10%, ½ watt
R187	503447	47,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R194	504610	10 megohms, ±20%, ½ watt
R195	76171	Volume control and power switch R195, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R197	503318	18,000 ohms, ±10%, ½ watt
R198	503433	330,000 ohms, ±10%, ½ watt
R199	504447	470,000 ohms, ±20%, ½ watt
R200	513139	390 ohms, ±10%, 1 watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R213	503322	22,000 ohms, ±10%, ½ watt
R214	504510	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R217	503110	100 ohms, ±10%, ½ watt
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	503482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503356	56,000 ohms, ±10%, ½ watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76065	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt
R251	76382	Wire wound, 0.82 ohms, ½ watt
R252	523610	10 megohms, ±10%, 2 watts
R253	76503	Focus control
R254	523610	18 megohms, ±5%, ½ watt
R275	502368	68,000 ohms, ±5%, ½ watt
R277	34763	68,000 ohms, ±5%, 1 watt
R278	503047	47 ohms, ±10%, ½ watt
R279	502212	1200 ohms, ±5%, ½ watt
R280	502210	1000 ohms, ±5%, ½ watt
R281	14659	6800 ohms, ±5%, ½ watt
R282	14659	6800 ohms, ±5%, ½ watt
R283	503447	470,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S105		See R128
		TRANSFORMERS
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	76381	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	76438	Sound IF transformer T111, C169, C170
T112	76702	Ratio detector transformer T112, C173, C174
T114	76703	Sound take-off transformer T114, C276, R276
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and antenna shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms, coax cable (7¼") complete with coil W1, L50

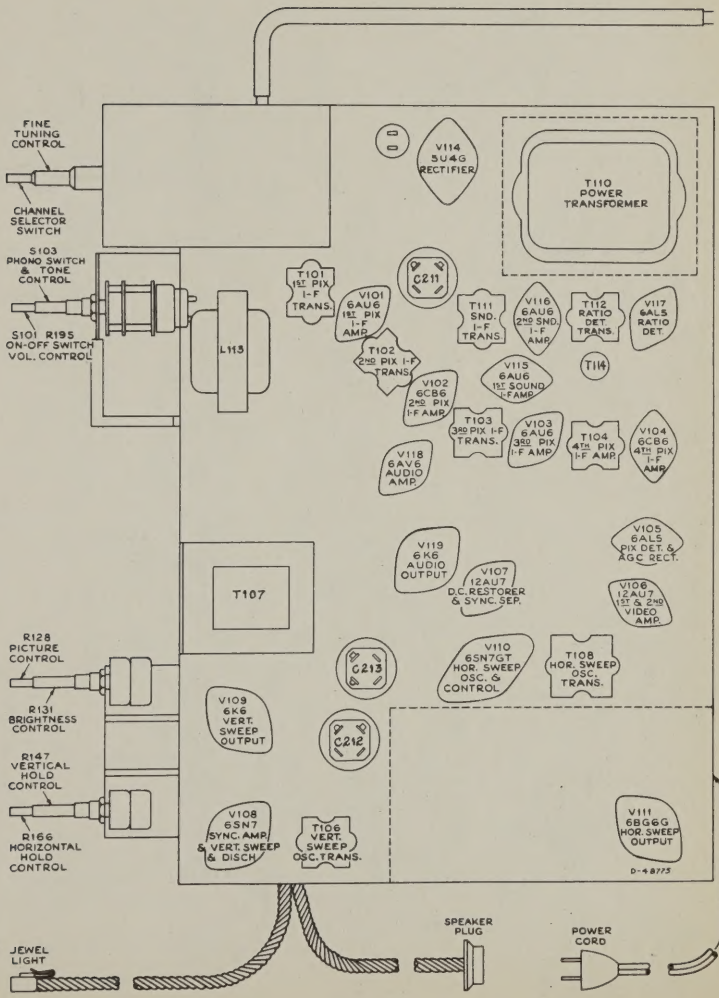
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES
	92580-4W
	RL-105C10
	RMA-274
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer (T113)
	NOTE: If stamping on speaker in instrument does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76506	Back—Cabinet back complete with terminal board and power cord
76184	Board—"Ant" terminal board—2 contact —part of back
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket
71599	Bracket—Pilot lamp bracket
76178	Bracket—Suspension bracket for deflection yoke hood assembly
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap
75167	Clip—Tubular clip for mounting stand-off capacitors—C6, C14, C15, C19
76143	Clip—Tubular clip for mounting stand-off capacitors C171, C172
X3199	Cloth—Grille cloth for mahogany or walnut instruments
X3089	Cloth—Grille cloth for oak instruments
74594	Connector—4 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Connector—Anode connector contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Kinescope masking panel dust seal (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood
76127	Decal—Control panel function decal for mahogany or walnut instruments
76128	Decal—Control panel function decal for oak instruments
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)

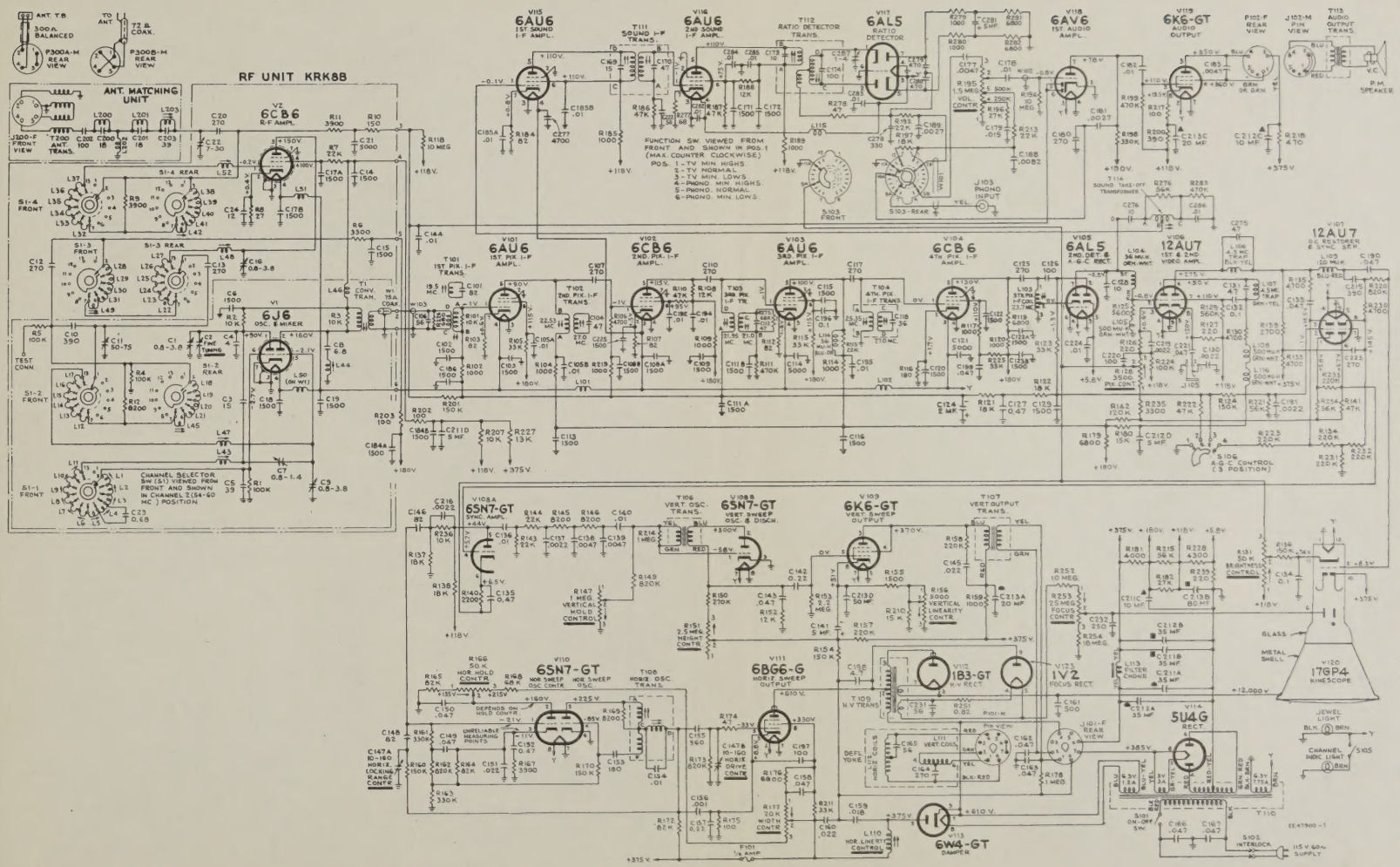
Continued on page 135, column 4


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
C211
T101
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
S101-R195 ON-OFF SWITCH VOLUME CONTROL
S103 PHONO SWITCH & TONE CONTROL
V117 6AL5 RATIO DET.
T112 RATIO DET. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS
T102
T114
V115 6AU6 1ST SOUND I-F AMP.
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS.
T103
3RD PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V119 6K6 AUDIO OUTPUT
V107 12AU7 DC RESTORER & SYNC SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
R253 FOCUS CONTROL
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V123 1V2 FOCUS RECT.
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP. & VERTICAL SWEEP OSC
1877-4
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S103 PHONO SWITCH & TONE CONTROL
S101 R195 ON-OFF SWITCH VOL. CONTROL
L113
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
C211
T111 SND. I-F TRANS.
V116 6AU6 2ND SND. I-F AMP.
T112 RATIO DET. TRANS.
V117 6AL5 RATIO DET.
T102 2ND PIX I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T114
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V119 6K6 AUDIO OUTPUT
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
T107
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V109 6K6 VERT. SWEEP OUTPUT
C212
V108 6SN7 SYNC. AMP. & VERT. SWEEP & DISCH.
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D-48775
JEWEL LIGHT
SPEAKER PLUG
POWER CORD

Circuit Diagram for Chassis Number KCS47GF-2

Model
7T111B
Haywood



Chassis Number
KCS 47 GF-2

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable .075-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L33
C21	75193	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2-μf - 50 volts
C125	73091	Mica, 270 μμf
C126	43322	Ceramic, 100 μμf
C127	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C128	53511	Ceramic, 15 μμf
C129	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C162	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf-
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39644	Mica, 470 μμf
C181	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73560	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C188	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C189	73599	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73594	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C193	75249	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C197	45233	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C217	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C218	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	45233	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	45233	Ceramic, 100 μμf
C223	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf

Symbol	Stock No.	Description
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J104	75482	Auxiliary phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap incl. L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165
L112		See L111
L113	76284	Filter choke
L114	76285	Peaking coil incl. L114, R119
L200	75242	IF trap incl. L200, C200, C201.
L201		See L200
L202	75241	Antenna shunt coil

Symbol	Stock No.	Description
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
P103	30868	2 contact female connector for motor cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	502338	330 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R101		See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	502238	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	502282	8200 ohms, ±10%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	512312	12,000 ohms, ±5%, 1 watt
R109	504310	1000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113	502318	1800 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	502318	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119		See L114
R120	513268	6800 ohms, ±10%, 1 watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	150,000 ohms, ±20%, ½ watt
R125	30734	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75514	Picture control, brightness control, and channel light switch R128, R131, S10S
R129	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt
R131		See R128
R132	513410	100,000 ohms, ±10%, 1 watt
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75213	Horizontal and vertical hold control R147, R166
R149	503482	820,000 ohms, ±10%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503522	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	512433	330,000 ohms, ±5%, 1 watt
R164	513318	18,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	502282	8200 ohms, ±5%, ½ watt
R170	31893	150,000 ohms, ±5%, 1 watt
R172	512382	82,000 ohms, ±5%, 1 watt
R173	503482	820,000 ohms, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt

Symbol	Stock No.	Description
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513215	15,000 ohms, ±10%, 1 watt
R181	76267	Wire wound, 3000 ohms, 15 watts
R182	76265	Resistor, wire wound, 18,000 ohms, 10 watts
R183	503312	12,000 ohms, ±10%, ½ watt
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 1 ohms, ½ watt
R195	76171	Volume control and power switch R195, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R198	503433	330,000 ohms, ±10%, ½ watt
R199	504447	470,000 ohms, ±20%, ½ watt
R200	523156	560 ohms, ±10%, 2 watts
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R204	503412	120,000 ohms, ±10%, ½ watt
R205	503247	4700 ohms, ±10%, ½ watt
R206	513168	68,000 ohms, ±10%, 1 watt
R207	523310	10,000 ohms, ±10%, 2 watts
R208	504447	470,000 ohms, ±20%, ½ watt
R209	76260	Wire wound, 47 ohms, 5 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R213	503315	15,000 ohms, ±10%, ½ watt
R214	504510	1 megohm, ±20%, ½ watt
R216	76261	Wire wound, 900 ohms, 5 watts
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	100 ohms, ±20%, ½ watt
R220	504482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	501068	680 ohms, ±10%, ½ watt
R227	76262	Resistor, wire wound, 13,000 ohms, 10 watts
R228	76266	Resistor, wire wound, 7500 ohms, 10 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	504410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R237	503247	4700 ohms, ±10%, ½ watt
R238	503515	1.5 megohms, ±10%, ½ watt
R239	76305	Wire wound, 330 ohms, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	76172	Tone control and phono switch less volume control and power switch
S105		See R131
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R102
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	71424	Sound IF transformer incl. T111, T109, C178
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	73636	Audio output transformer
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and antenna shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200

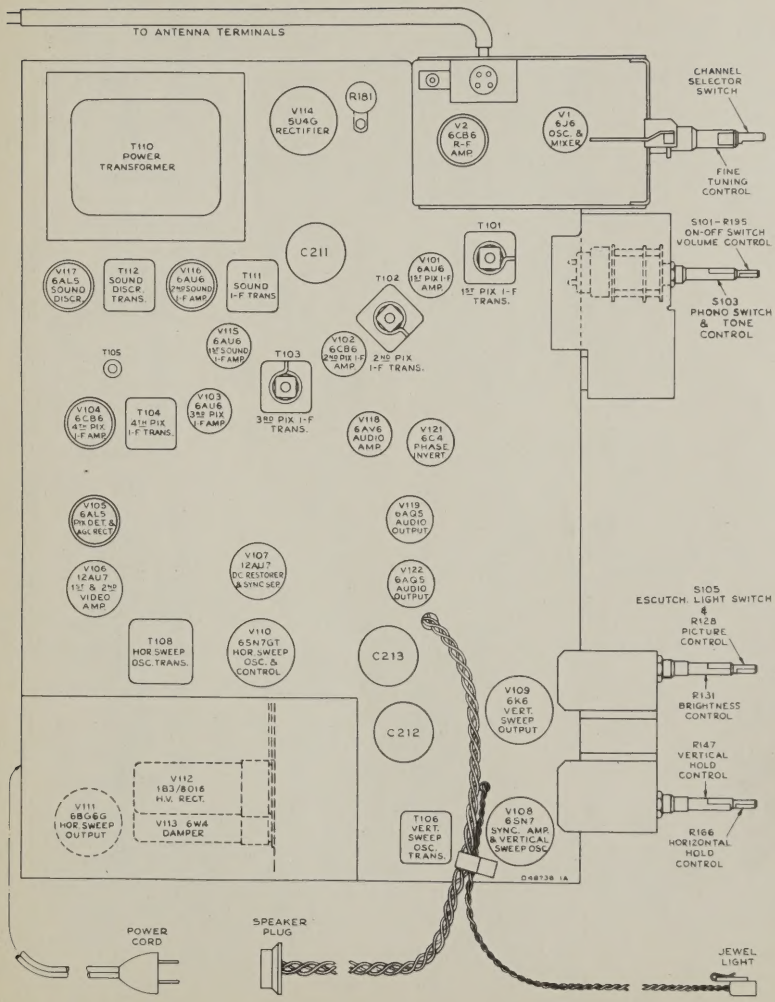
Symbol	Stock No.	Description
		CABLE
W1	75201	75 ohms, coax cable (7¼") complete with coil W1, L50

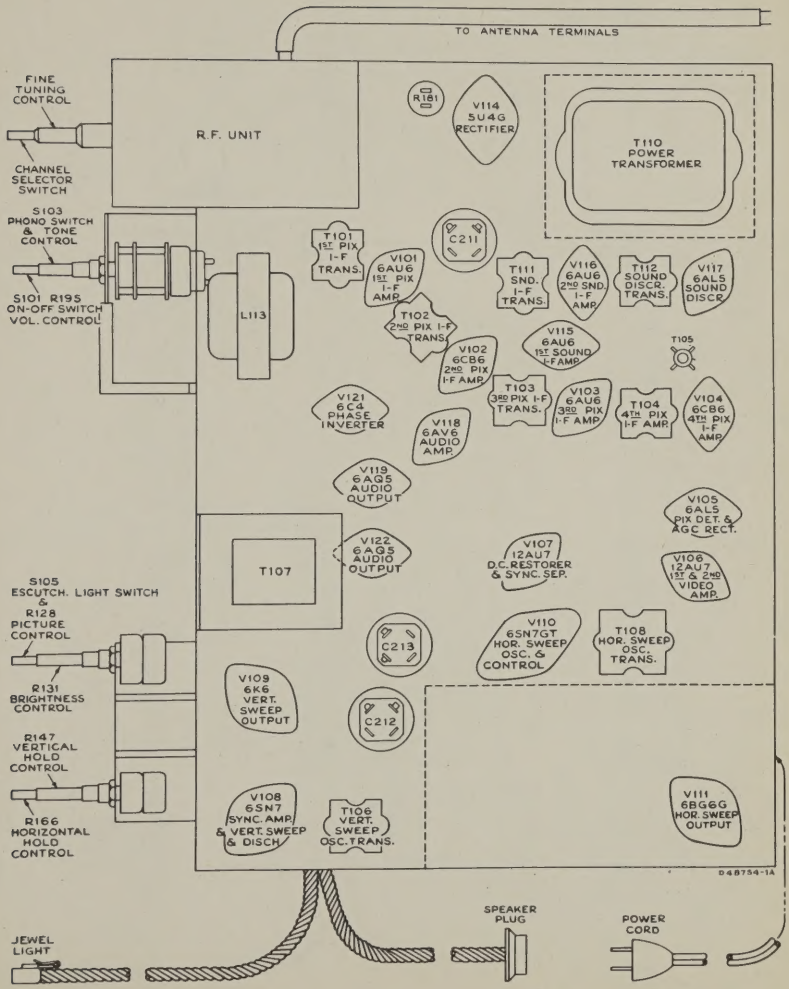
SECTION II

Parts Without Circuit-Symbol Numbers

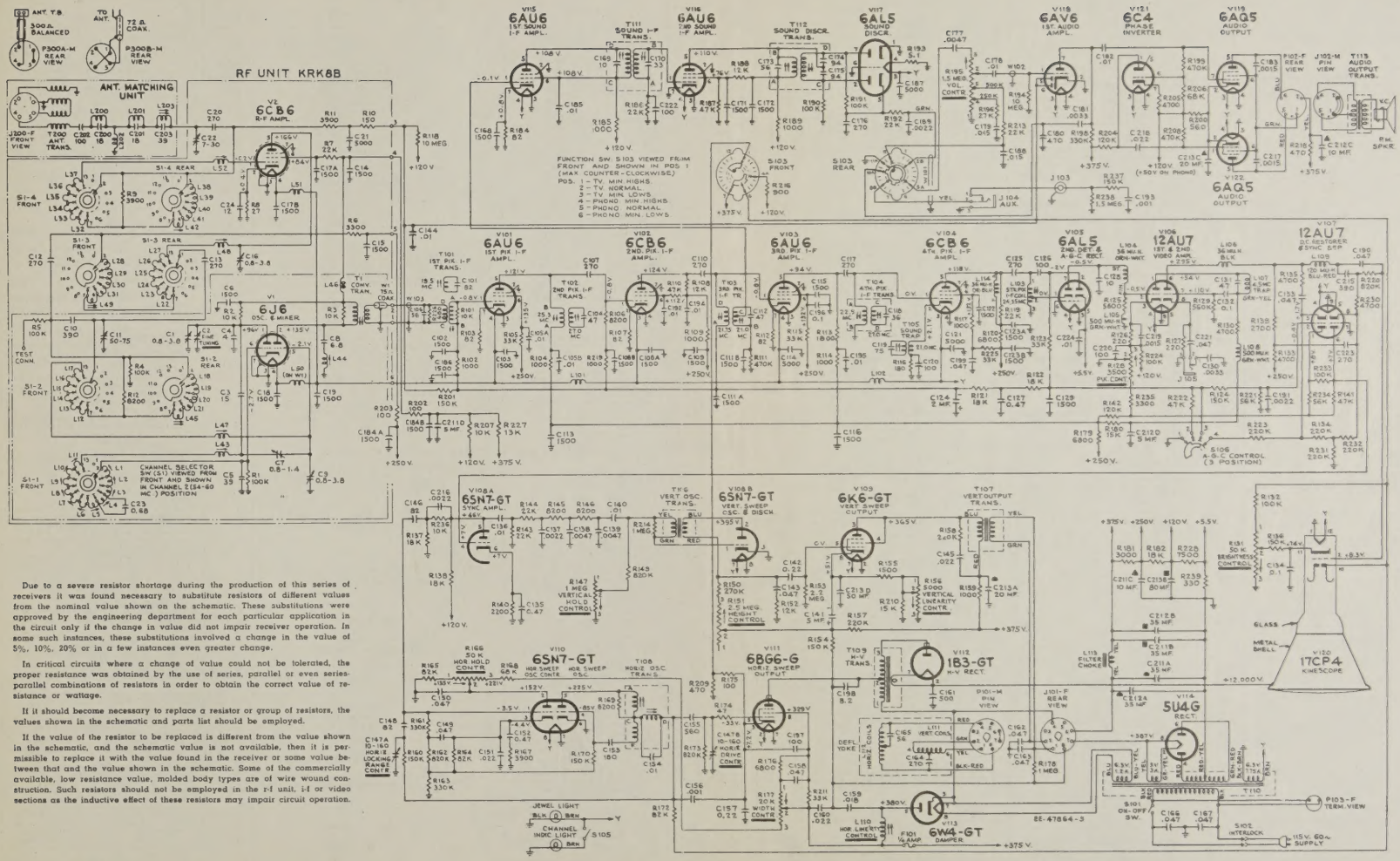
Stock No.	Description
	SPEAKER ASSEMBLIES 92569-13-W RL-111A10 RMA-274 (For Model 7T132)
75682	Cone—Cone and voice coil (3.2 ohms)
3039	Connector—4 contact male connector
75681	Speaker—12" P.M. speaker complete with cone and voice coil less transformer and plug
73636	Transformer—Output transformer NOTE: If stamping on speaker in instrument does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76319	Back—Cabinet back complete with power cord and terminal board
76184	Board—"Ant" terminal board—2 contact—part of back
75188	Board—Terminal board, 5 contact and ground
76178	Bracket—Suspension bracket for deflection yoke hood assembly
71599	Bracket—Pilot lamp bracket
73067	Bracket—Vertical bracket for holding oscillator tube shield
75515	Bracket—Channel indicator lamp bracket
74579	Bumper—Rubber bumper for television compartment door
13103	Cap—Pilot lamp cap
7184-2	Catch—Bullet catch and strike for doors
75167	Clip—Angular clip for mounting stand-off capacitors—C6, C14, C15, C19
76143	Clip—Tubular clip for mounting stand-off capacitor C171, C172
X3130	Cloth—Grille cloth
X3089	Cloth—Grille cloth for oak instruments
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 req'd)
75517	Connector—Anode connector contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Kinescope masking panel dust seal (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood
76128	Decal—Control panel function decal for oak or maple instruments for Models
76127	Decal—Control panel function decal for mahogany or walnut instruments
74273	Decal—Trade mark decal (Victrola)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple instruments
74839	Fastener—Push fastener to mount ceramic tube socket (2 req'd)
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass
37396	Grommet—Rubber grommet for mounting speaker (4 req'd)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 req'd)
74308	Hinge—Cabinet door hinge

Continued on page 135, column 6


TO ANTENNA TERMINALS
T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
R181
V2 6CB6 R-F AMP
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOLUME CONTROL
S103 PHONO SWITCH & TONE CONTROL
C211
T101
15T PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP
T102
2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP
T103
3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP
V104 6CB6 4TH PIX I-F AMP
T104 4TH PIX I-F TRANS.
T105
V115 6AU6 1ST SOUND I-F AMP
V116 6AU6 2ND SOUND I-F AMP
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
T111 SOUND I-F TRANS
V118 6AV6 AUDIO AMP.
V121 6C4 PHASE INVERT
V105 6AL5 DET & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
V119 6AQ5 AUDIO OUTPUT
V122 6AQ5 AUDIO OUTPUT
S105 ESCUTCH. LIGHT SWITCH & R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
T108 HOR SWEEP OSC. TRANS.
V110 6SN7GT HOR SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP & VERTICAL SWEEP OSC.
D48738 1A
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


TO ANTENNA TERMINALS
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
R.F. UNIT
S103 PHONO SWITCH & TONE CONTROL
S101 R195 ON-OFF SWITCH VOL. CONTROL
L113
R181
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
T111 SND. I-F TRANS.
V116 6AU6 2ND SND. I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V115 6AU6 1ST SOUND I-F AMP.
T105
V121 6C4 PHASE INVERTER
V118 6AV6 AUDIO AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
V119 6AQ5 AUDIO OUTPUT
V105 6AL5 PIX DET. & AGC RECT.
T107
V122 6AQ5 AUDIO OUTPUT
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
S105 ESCUTCH. LIGHT SWITCH & R128 PICTURE CONTROL
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
R131 BRIGHTNESS CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V108 6SN7 SYNC. AMP. & VERT. SWEEP & DISCH
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D48754-1A
JEWEL LIGHT
SPEAKER PLUG
POWER CORD

Model
7T132
Winston



Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in the value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

It it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive effect of these resistors may impair circuit operation.

Chassis
Number
KCS47D

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable, 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, .047 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
	73802	Tubular, paper, oil-impregnated, .0015 μf - 1000 volts
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .005 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 2000 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C214	75592	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf
C223	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf

FUSE

Symbol	Stock No.	Description
F101	73600	.25 amp fuse, 250 volts

CONNECTORS, JACK

Symbol	Stock No.	Description
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Audio input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer

COILS

Symbol	Stock No.	Description
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, 96
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke Coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke L111, L112, C164, C165, L111
L112		See L111
L113	75284	Filter choke
L114	76285	Peaking coil L114, R119
L200	71242	IF trap L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203

CONNECTORS

Symbol	Stock No.	Description
P101	35383	8 contact male connector part of deflection yoke
P103	75703	5 contact male connector less shell for television power cord

RESISTORS—FIXED COMPOSITION (Unless otherwise specified)

Symbol	Stock No.	Description
R1	504410	100,000 ohms, ±2%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	502282	8200 ohms, ±5%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	512312	12,000 ohms, ±5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113	503218	1800 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119		See L114
R120	513268	6800 ohms, ±10%, 1 watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	150,000 ohms, ±20%, ½ watt
R125	30734	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128 R131
R129	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt
R131		See R128
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503418	180,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148	70249	3.9 megohms, ±5%, ½ watt
R149	30162	1.2 megohms, ±5%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503522	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	512433	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	502282	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R171	503310	10,000 ohms, ±10%, ½ watt
R172	512382	82,000 ohms, ±5%, 1 watt
R173	503482	820,000 ohms, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R183	524410	100,000 ohms, ±20%, 2 watts
R184	503082	82 ohms, ±10%, ½ watt
R185	504219	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R188	503312	12,000 ohms, ±10%, ½ watt
R189	504219	1000 ohms, ±20%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R212	75593	Wire wound, 8000 ohms, 10 watts
R214	504510	1 megohm, 20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R219	504210	1000 ohms, 20%, ½ watt
R220	503482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76065	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt

SWITCHES

Symbol	Stock No.	Description
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75594	Indicator light switch
S106	76010	AGC switch

TRANSFORMERS

Symbol	Stock No.	Description
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74953	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	71424	Sound IF transformer T111, C169, T170
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and shunt coil; T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200

CABLE

Symbol	Stock No.	Description
W1	75201	75 ohms, coax (7¼") complete with coil W1, L50

SECTION II

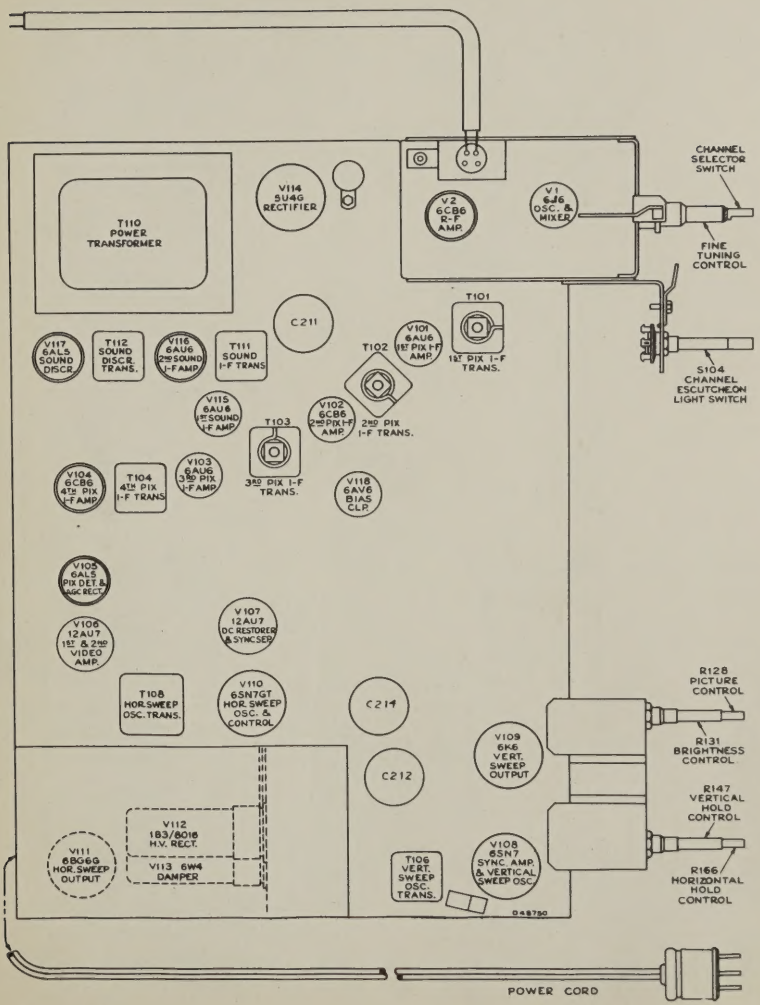
Parts Without Circuit-Symbol Numbers

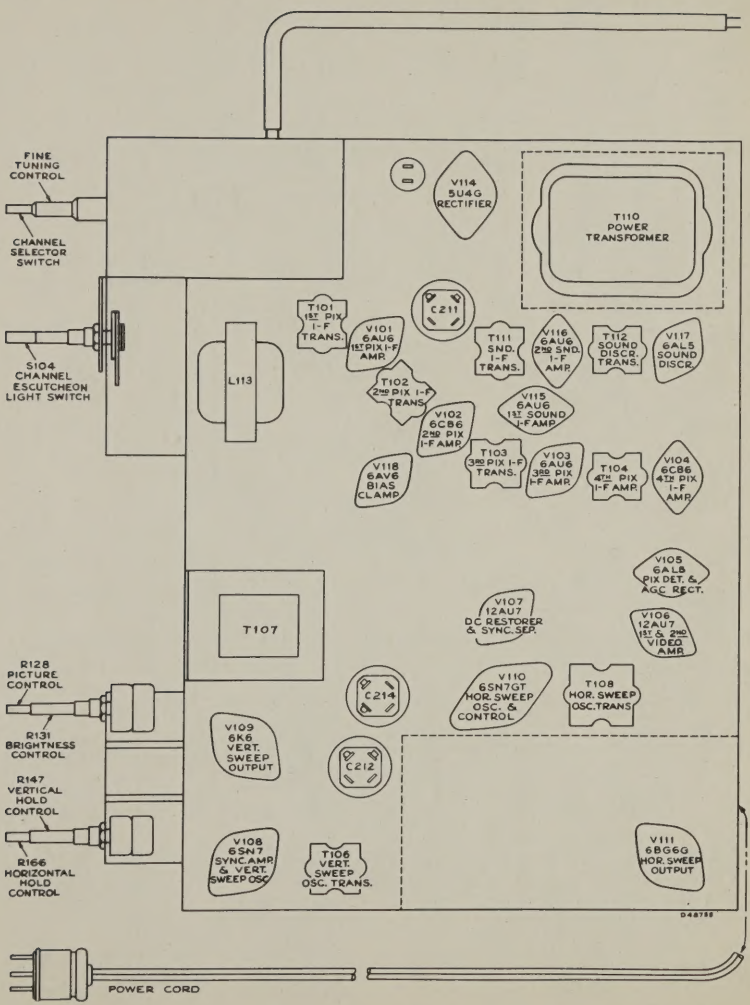
Stock No.	Description
	SPEAKER ASSEMBLIES 92569-12W RL 111A1 RMA 274
13867	Cap—Dust cap
75682	Cone—Cone complete with voice coil (3.2 ohms)
75681	Speaker—12" P.M. speaker complete with cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES 97 1494-2W RL—111B1 RMA—274
75023	Cap—Dust cap
76296	Cone—Cone and voice coil (3.2 ohms)
76389	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number stamped on speaker and full description of part required.

MISCELLANEOUS

Stock No.	Description
76187	Back—Back cover complete with terminal board and power cord for television chassis
76184	Board—Television antenna terminal board (2 contact)
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket
71599	Bracket—Pilot lamp bracket
76179	Bracket—Suspension bracket for deflection yoke hood assembly
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for cabinet doors
75167	Clip—Tubular clip for mounting stand-off capacitors—C6, C14, C15, C19
76143	Clip—Tubular clip for mounting stand-off capacitors C171, C172
X3130	Cloth—Grille cloth for mahogany or walnut instruments
30868	Connector—2 contact female connector for main cable
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for television antenna cable
75710	Connector—5 contact female connector less shell for main cable
75709	Connector—5 contact female connector less shell for main cable
75474	Connector—Single contact male connector for tuner (2 required) or for television antenna cable
75517	Contact—Anode connector contact only
10392	Cord—Power cord and plug
75702	Cord—Television power cord complete with two (2) contact female connector less five (5) contact male connector
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Kinescope masking panel dust seal (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood
75640	Decal—Television controls function decal for mahogany or walnut instruments
74273	Decal—Trade mark decal (Victrola)
71984	Decal—Trade mark decal (RCA Victor)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass
74838	Grommet—Power cord strain relief (1 set)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
37396	Grommet—Rubber grommet to mount speaker (4 required)
74308	Hinge—Cabinet door hinge (1 set)
76169	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
75714	Knob—Function switch knob — maroon — for mahogany or walnut instruments
74959	Knob—Television fine tuning control knob — maroon—for mahogany or walnut instruments (outer)
73996	Knob—Television channel selector knob—maroon—for mahogany or walnut instruments (inner)
74962	Knob—Television brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
74969	Knob—Television channel marker escutcheon light switch knob—maroon—for mahogany or walnut instruments
74963	Knob—Television picture control or horizontal hold control knob—maroon—for mahogany or walnut instruments (inner)
75712	Knob—Volume control and power switch knob—maroon—for mahogany or walnut instruments

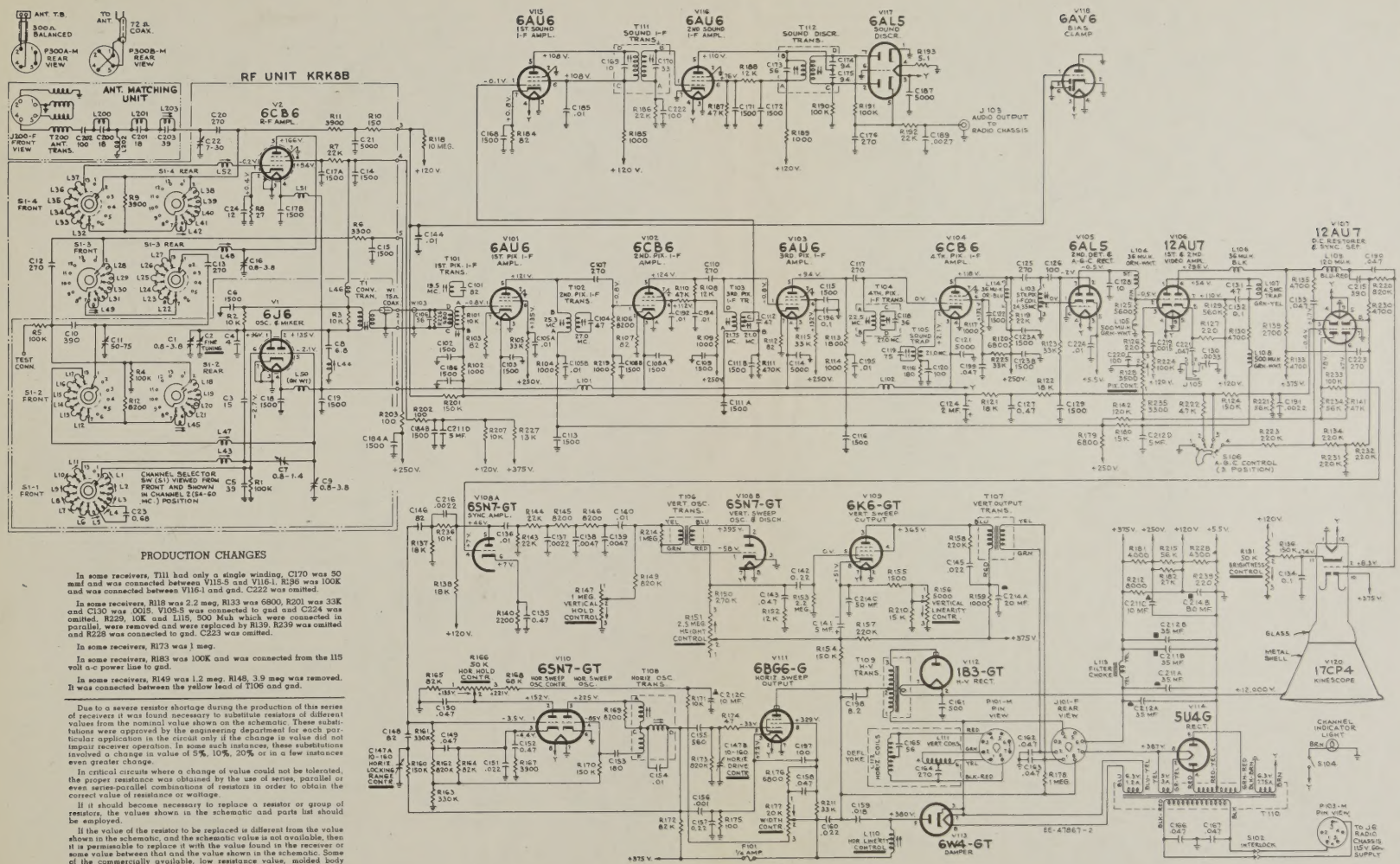
Continued on page 136, column 2


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
T101
C211
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
T102
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
V115 6AU8 1ST SOUND I-F AMP.
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS.
T103
3RD PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP.
V118 6AV6 BIAS CLR.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNCSEP.
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP. & VERTICAL SWEEP OSC.
D48790
POWER CORD


FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
POWER CORD
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
T111 SND. I-F TRANS.
V116 6AU6 2ND SND. I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V115 6AU6 1ST SOUND I-F AMP.
L113
V118 6AV6 BIAS CLAMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
V105 6AL8 PIX DET. & AGC RECT.
T107
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
C214
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V109 6K6 VERT. SWEEP OUTPUT
C212
V108 6SN7 SYNC. AMP. & VERT. SWEEP OSC.
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D46758

Circuit Diagram for Chassis Number KCS48A

Model
7T143
Rutland



PRODUCTION CHANGES

In some receivers, T111 had only a single winding. C170 was 50 mmf and was connected between V115-5 and V116-1. R196 was 100K and was connected between V116-1 and gnd. C222 was omitted.

In some receivers, R118 was 2.2 meg, R133 was 6800, R201 was 33K and C130 was .0015. V108-5 was connected to gnd and C224 was omitted. R229, 10K and L115, 500 Muh which were connected in parallel, were removed and were replaced by R139. R239 was omitted and R228 was connected to gnd. C223 was omitted.

In some receivers, R173 was 1 meg.

In some receivers, R183 was 100K and was connected from the 115 volt a-c power line to gnd.

In some receivers, R149 was 1.2 meg. R148, 3.9 meg was removed. It was connected between the yellow lead of T106 and gnd.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive affect of these resistors may impair circuit operation.

Chassis Number
KCS 48 A

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 8 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable, 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L48
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf-50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, 0.47 μf-200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .0015 μf-600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, .01 μf-400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf-600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf-600 volts
C135	73787	Tubular, moulded paper, 0.47 μf-200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf-400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf-600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf-600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf-600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf-600 volts
C141	28417	Electrolytic, 5 μf-450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf-600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf-1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf-400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf-400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf-600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf-400 volts
C152	73787	Tubular, moulded paper, 0.47 μf-200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf-1000 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf-1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf-400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf-1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf-1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf-1000 volts
C161	74947	Ceramic, 500 μμf-20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf-1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf-1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf-400 volts
C167	75071	Tubular, moulded paper, .047 μf-400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf-600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf-400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf-600 volts
C180	39638	Mica, 270 μμf
C181	73920	Tubular, paper, oil-impregnated, .0047 μf-600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf-400 volts
C183	73795	Tubular, paper, oil-impregnated, .0033 μf-600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 150 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf-1000 volts
C189	73599	Tubular, paper, oil-impregnated, .002 μf-600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf-600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf-600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf-400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 47 μμf, 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf-400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf-450 volts, 1 section of 10 μf-450 volts and 1 section of 5 μf-450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf-450 volts, 1 section of 10 μf-450 volts, and 1 section of 5 μf-450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf-450 volts, 1 section of 80 μf-200 volts, 1 section of 20 μf-200 volts, and 1 section of 50 μf-50 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf-600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf-400 volts
C222	39396	Ceramic, 100 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACKS
J101	68592	8 contact female connector for deflection yoke leads
J102	5039	4 contact male connector
J103	35787	Phone input jack
J105	75482	Video jack
J200	38853	4 contact female connector. See T200
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap coil L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke complete with cable and connector L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil L114, R119
L200	75242	IF trap L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTOR
P101	35383	8 contact male connector—part of deflection yoke

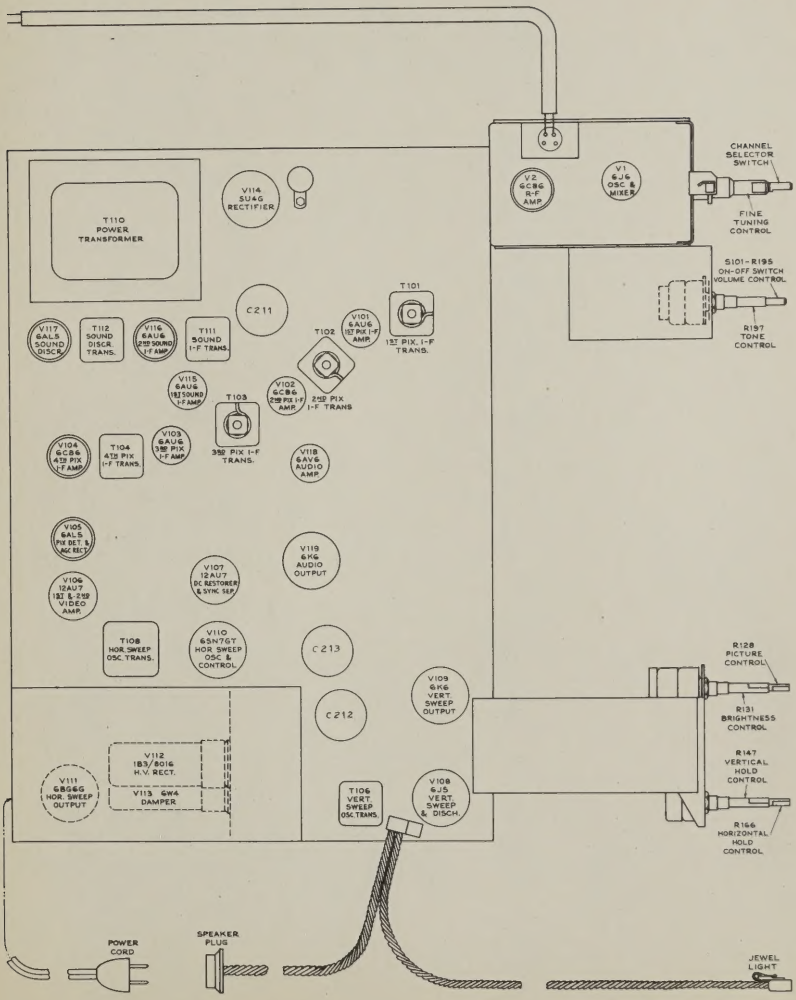
Symbol	Stock No.	Description
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		See L114
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, 10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±5%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control
	75514	Picture control, brightness control and channel light switch for consoles only
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		560,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R139		12,000 ohms, ±10%, ½ watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		390,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, 1 watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		Horizontal and vertical hold control
R168		3900 ohms, ±10%, ½ watt
R169		68,000 ohms, ±10%, 1 watt
R170		8200 ohms, ±5%, ½ watt
R171		150,000 ohms, ±5%, 1 watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		See T111
R186		22,000 ohms, ±10%, ½ watt
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R194		10 megohms, ±20%, ½ watt
R195	75513	Tone control, volume control and power switch
R196		27,000 ohms, ±10%, ½ watt
R197		See R195
R198		330,000 ohms, ±10%, ½ watt
R199		470,000 ohms, ±20%, ½ watt
R200		390 ohms, ±10%, 1 watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, ½ watt
R213		22,000 ohms, ±10%, ½ watt
R214		1 megohm, ±20%, ½ watt
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R217		100 ohms, ±10%, ½ watt
R218		470 ohms, ±10%, 1 watt
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		390,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	33491	TV phono switch
S105		See R128
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	IF convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T103, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap incl. T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 115 volts, 60 cycle
T111	71424	Sound IF transformer, dual winding T111, C169, C170
	75211	Sound IF transformer, single winding type, incl. T111, C169, C170, R186
T112	75212	Sound discriminator transformer, T112, C173, C174, C175
T113	75520	Audio output transformer
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and shunt coil; T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLES
W1	75201	75 ohms coax cable (7½") complete with coil W1, L50

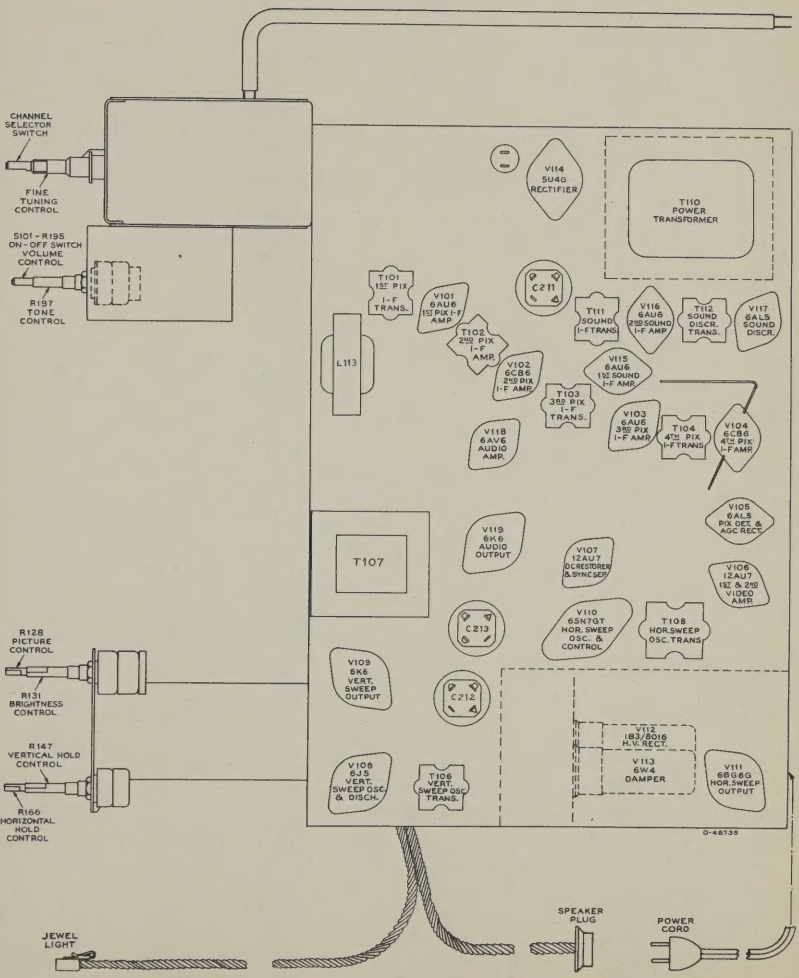
SECTION II

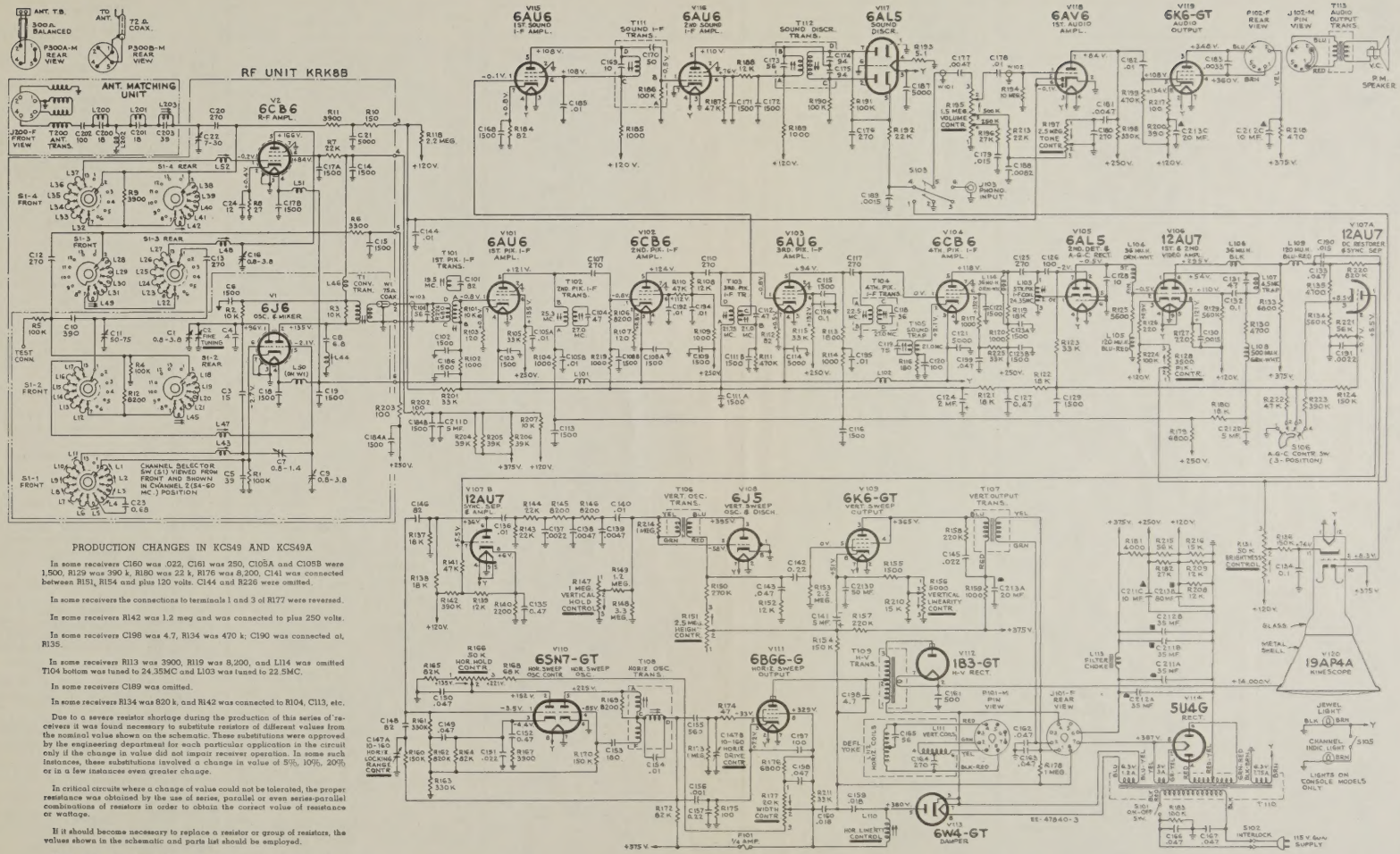
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES 92580-4 (For Model 9T57)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-11W RL 111 A2 (For Models 9T77, 9T79)
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector for speaker
74974	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and connector
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-11B (For Models 9T77, 9T79)
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES 92569-11K RMA-252 (For Models 9T77, 9T79)
75642	Cone—Cone and voice coil assembly (3.2 ohms)
	NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MODEL 9CB1 STAND (Used with 9T57 Instrument)
76008	Caster—Caster and socket assembly
76097	Catch—Door catch and strike (1 set)
76096	Hinge—Door hinge (1 set)
76095	Pull—Door pull
74113	Screw—#8-32 x 1" trimit head screw for door pull
	MISCELLANEOUS
75586	Back—Cabinet back complete with power cord and terminal board (Model 9T57)
75589	Back—Cabinet back complete with power cord and terminal board (Models 9T77 & 9T79)
10705	Ball—Steel ball for detent (5/32 dia.)
75473	Board—"Ant" terminal board
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket
75228	Bracket—Focus magnet mounting bracket—upper
75229	Bracket—Focus magnet mounting bracket—lower
75465	Bracket—Mounting brackets for deflection yoke and focus magnet support assembly (Models 9T57 & 9T77)
75524	Bracket—Mounting bracket for deflection yoke and focus magnet support assembly (Model 9T79)
71599	Bracket—Pilot lamp bracket (Models 9T77 & 9T79)
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap (Models 9T77 & 9T79)
71892	Catch—Bullet catch and strike for doors (Models 9T77 & 9T79)
75167	Clip—Tubular clip for mounting stand-off capacitor (C8)
75167	Clip—Tubular clip for mounting stand-off capacitors—C6, L14, C15, C19
X1917	Cloth—Grille cloth for mahogany or walnut instruments (Model 9T57)

Continued on page 136, column 3


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
C211
T101
V101 6AU6 15T PIX I-F AMP.
15T PIX. I-F TRANS.
T102
25P PIX I-F TRANS.
V102 6CB6 25P PIX I-F AMP.
V117 6AL5 SOUND DISC.
T112 SOUND DISCR. TRANS.
V116 6AU6 21P SOUND I-F AMP.
T111 SOUND I-F TRANS.
V115 6AU6 18P SOUND I-F AMP.
T103
39P PIX I-F TRANS.
V103 6AU6 39P PIX I-F AMP.
V104 6CB6 43P PIX I-F AMP.
T104 43P PIX I-F TRANS.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
V119 6KG AUDIO OUTPUT
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6J5 VERT. SWEEP & DISCH.
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101 - R195 ON - OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
JEWEL LIGHT
SPEAKER PLUG
POWER CORD
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP
T102 2ND PIX I-F AMP.
L113
V102 6CB6 2ND PIX I-F AMP.
C211
T111 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V115 6AU6 1ST SOUND I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
T107
V119 6K6 AUDIO OUTPUT
V107 12AU7 DCRESTORER & SYNC SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V109 6K6 VERT. SWEEP OUTPUT
C212
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
V108 6J5 VERT. SWEEP OSC. & DISCH.
T106 VERT. SWEEP OSC. TRANS.
0-48735


ANT. T.B.
300Ω BALANCED
TO ANT.
72 Ω COAX.
P300A-M REAR VIEW
P300B-M REAR VIEW
ANT. MATCHING UNIT
RF UNIT KRK8B
6CB6 R-F AMPL.
6J6 OSC. & MIXER
6AU6 1ST SOUND I-F AMPL.
6AU6 2ND SOUND I-F AMPL.
6AL5 SOUND DISCR.
6AV6 1ST AUDIO AMPL.
6K6-GT AUDIO OUTPUT
T113 AUDIO OUTPUT TRANS.
P.M. SPEAKER
6AU6 1ST PIX. I-F AMPL.
6CB6 2ND PIX. I-F AMPL.
6AU6 3RD PIX. I-F AMPL.
6CB6 4TH PIX. I-F AMPL.
6AL5 2ND DET. & A-G-C RECT.
12AU7 1ST & 2ND VIDEO AMPL.
12AU7 DC RESTORER & SYNC SEP
12AU7 SYNC SEP & AMPL.
6J5 VERT. SWEEP OSC. & DISCH.
6K6-GT VERT. SWEEP OUTPUT
6SN7-GT HOR. SWEEP OSC.
6BG6-G HORIZ. SWEEP OUTPUT
1B3-GT H-V RECT.
19AP4A KINESCOPE
5U4G RECT.
6W4-GT DAMPER
CHANNEL SELECTOR SW. (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION
A-G-C CONTR. SW. (3-POSITION)

PRODUCTION CHANGES IN KCS49 AND KCS49A

In some receivers C160 was .022, C161 was 250, C105A and C105B were 1,500, R129 was 390 k, R180 was 22 k, R176 was 8,200, C141 was connected between R151, R154 and plus 120 volts. C144 and R226 were omitted.

In some receivers the connections to terminals 1 and 3 of R177 were reversed.

In some receivers R142 was 1.2 meg and was connected to plus 250 volts.

In some receivers C198 was 4.7, R134 was 470 k; C190 was connected at, R135.

In some receivers R113 was 3900, R119 was 8,200, and L114 was omitted T104 bottom was tuned to 24.35MC and L103 was tuned to 22.5MC.

In some receivers C189 was omitted.

In some receivers R134 was 820 k, and R142 was connected to R104, C113, etc.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive effect of these resistors may impair circuit operation.

Model
9T57 York
9T77 Hillsdale
9T79 Northampton

For circuit diagram of other chassis used in these models see page 93.

Chassis Number
KCS 49
KCS 49 A

SECTION I

Parts With Circuit-Symbol Numbers

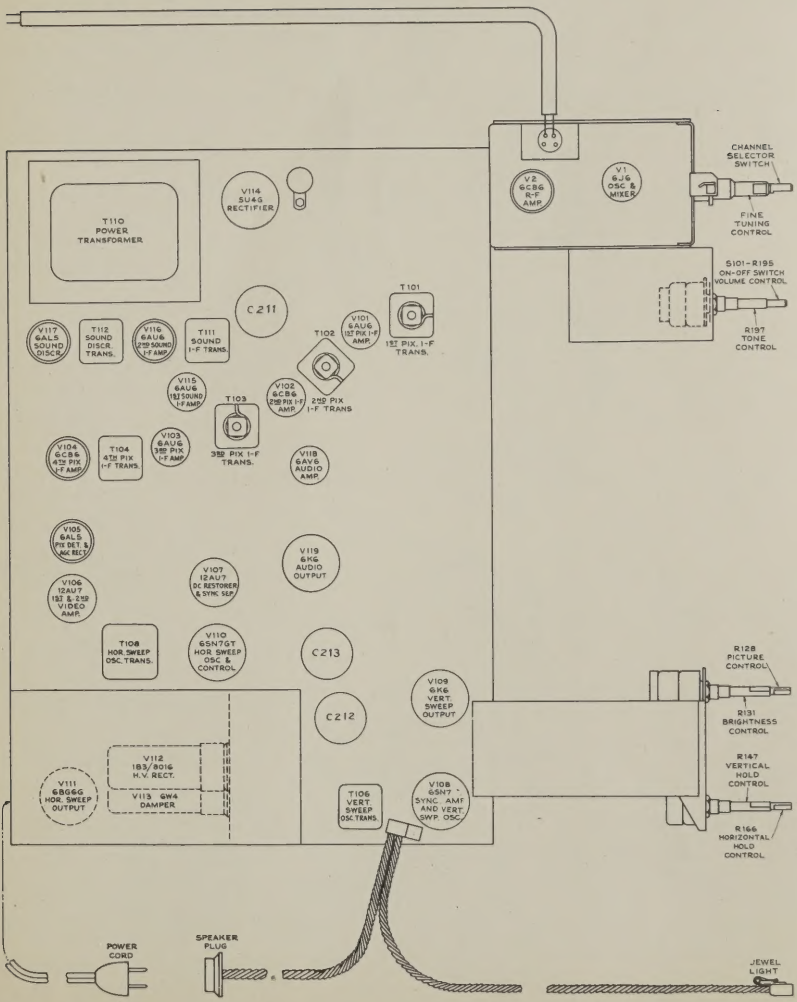
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable, 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T103
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	89396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 600 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .0001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39638	Mica, 270 μμf
C181	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 4.7 μμf, 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 20 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J102	5039	4 contact male connector for speaker
J103	35787	Phono input jack
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Convertor plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) L47, C9
L48	75183	Trimmer coil (tuner) L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke complete with cable and connector L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil
L115	76132	Peaking coil
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud incl. L203, C203
		CONNECTOR
P101	35383	8 contact male connector part of deflection yoke
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		100,000 ohms±5 ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		See L114
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±5%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control for Model 9T57; R128, R131
	75514	Picture control, brightness control and channel light switch for Models 9T77 and 9T79; R128, R131, S105
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		220,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		180,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, ½ watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, 1 watt
R170		150,000 ohms, ±5%, 1 watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		270,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		22,000 ohms, ±10%, ½ watt
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		220,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R194		10 megohms, ±20%, ½ watt
R192	75513	Tone control, volume control and power switch R195, R197, S101
R196		27,000 ohms, ±10%, ½ watt
R197		See R195
R198		330,000 ohms, ±10%, ½ watt
R199		470,000 ohms, ±20%, ½ watt
R200		390 ohms, ±10%, 1 watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, ½ watt
R213		22,000 ohms, ±10%, ½ watt
R214		1 megohm, ±20%, ½ watt
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R217		100 ohms, ±10%, ½ watt
R218		470 ohms, ±10%, 1 watt
R219		1000 ohms, ±20%, 2 watts
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		220,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, ½ watt
R230		4700 ohms, ±10%, ½ watt
R231		220,000 ohms, ±10%, ½ watt
R232		220,000 ohms, ±10%, ½ watt
R233		100,000 ohms, ±10%, ½ watt
R234		56,000 ohms, ±10%, ½ watt
R235		5600 ohms, ±10%, ½ watt
R236		10,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	33491	TV phono switch
S105		See T102
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	IF convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound IF transformer incl. T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 115 volts, 60 cycle
T111	71424	Sound IF transformer, dual winding type, incl. T111, C169, C170
	75211	Sound IF transformer, single winding type, incl. T111, C169, C170, R186
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	75520	Output transformer
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

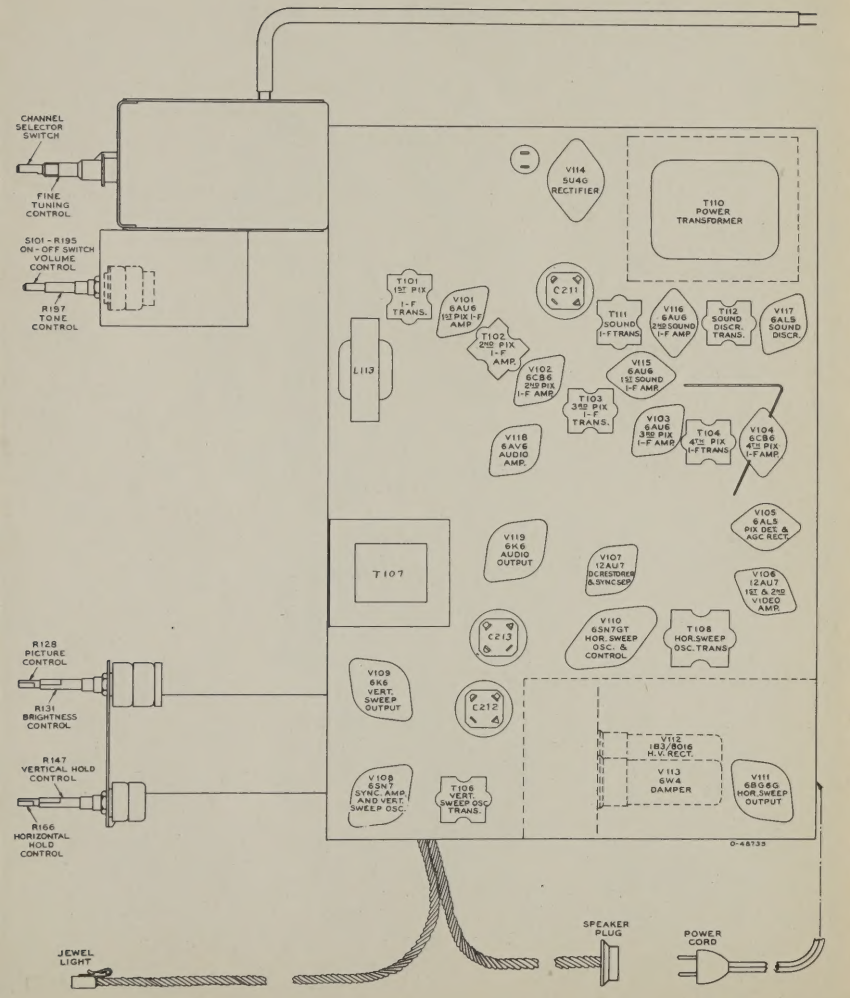
SECTION II

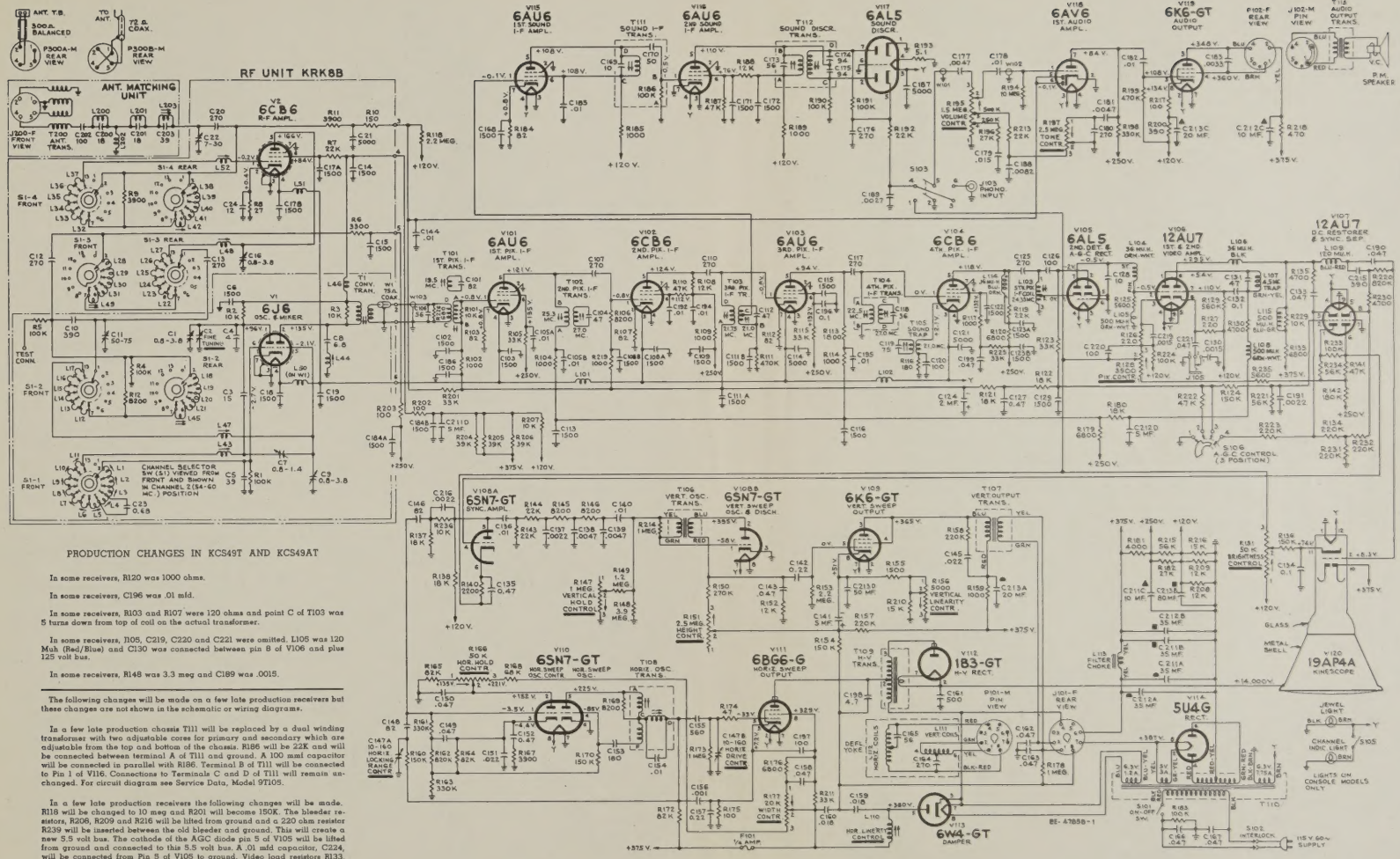
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES 92580-4 (For Model 9T57)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-11W RL 111 A2 (For Models 9T77, 9T79)
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector for speaker
74974	Speaker—12" P.M. speaker complete with cone and voice coil less output transformer and connector
75520	Transformer—Output transformer
	NOTE:—If stamping on speaker in instruments does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	SPEAKER ASSEMBLIES 92569-11B (For Models 9T77, 9T79)
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES 92569-11K RMA-253 (For Models 9T77, 9T79)
75642	Cone—Cone and voice coil assembly (3.2 ohms)
	MODEL 9CB1 STAND (Used with 9T57 Instrument)
76008	Caster—Caster and socket assembly
76097	Catch—Door catch and strike (1 set)
76096	Hinge—Door hinge (1 set)
76095	Pull—Door pull
74113	Screw—#8-32 x 1" trimit head screw for door pull
	MISCELLANEOUS
75586	Back—Cabinet back complete with power cord and terminal board (Model 9T57)
75589	Back—Cabinet back complete with power cord and terminal board (Models 9T77 & 9T79)
10705	Ball—Steel ball for detent (5/32 dia.)
75473	Board—"Ant" terminal board
75188	Board—Terminal board, 5 contact and ground
75465	Bracket—Mounting brackets for deflection yoke and focus magnet support assembly (Models 9T77 & 9T79)
75524	Bracket—Mounting bracket for deflection yoke and focus magnet support assembly (Model 9T57)
71599	Bracket—Pilot lamp bracket (Models 9T77 & 9T79)
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap (Models 9T77 & 9T79)
71892	Catch—Bullet catch and strike for doors (Models 9T77 & 9T79)
75167	Clip—Tubular clip for mounting stand-off capacitors C6, C8, C14, C15, C19
X1917	Cloth—Grille cloth for mahogany or walnut instruments (Model 9T57)
X1918	Cloth—Grille cloth for oak instruments (Model 9T57)
X3093	Cloth—Grille cloth for oak instruments (Models 9T77 & 9T79)
X3144	Cloth—Grille cloth for mahogany or walnut instruments (Models 9T77 & 9T79)

Continued on page 136, column 5


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
C211
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T103
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T102
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS
V101 6AU6 1ST PIX I-F AMP.
T101
1ST PIX. I-F TRANS.
3RD PIX I-F TRANS.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
V119 6K6 AUDIO OUTPUT
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
V112 1B3/8016 H.V. RECT.
V111 6BG6G HOR. SWEEP OUTPUT
V113 GW4 DAMPER
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP AND VERT. SWP. OSC.
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101 - R195 ON-OFF SWITCH VOLUME CONTROL
R157 TONE CONTROL
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
JEWEL LIGHT
SPEAKER PLUG
POWER CORD
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 15Ø PIX I-F TRANS.
V101 6AU6 15Ø PIX I-F AMP
T102 21Ø PIX I-F AMP.
V102 6CB6 21Ø PIX I-F AMP.
T103 35Ø PIX I-F TRANS.
T111 SOUND I-F TRANS.
V116 6AU6 21Ø SOUND I-F AMP
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V115 6AU6 15Ø SOUND I-F AMP.
L113
V103 6AU6 35Ø PIX I-F AMP
T104 41Ø PIX I-F TRANS.
V104 6CB6 41Ø PIX I-F AMP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 18Ø & 21Ø VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V118 6AV6 AUDIO AMP.
V119 6K6 AUDIO OUTPUT
T107
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
V108 6SN7 SYNC. AMP. AND VERT. SWEEP OSC.
T106 VERT. SWEEP OSC. TRANS.
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR. SWEEP OUTPUT
0-48735



PRODUCTION CHANGES IN KCS49T AND KCS49AT

In some receivers, R120 was 1000 ohms.

In some receivers, C196 was .01 mfd.

In some receivers, R103 and R107 were 120 ohms and point C of T103 was 5 turns down from top of coil on the actual transformer.

In some receivers, J105, C219, C220 and C221 were omitted. L105 was 120 Muh (Red/Blue) and C130 was connected between pin 8 of V106 and plus 125 volt bus.

In some receivers, R148 was 3.3 meg and C189 was .0015.

The following changes will be made on a few late production receivers but these changes are not shown in the schematic or wiring diagrams.

In a few late production chassis T111 will be replaced by a dual winding transformer with two adjustable cores for primary and secondary which are adjustable from the top and bottom of the chassis. R186 will be 22K and will be connected between terminal A of T111 and ground. A 100 mmf capacitor will be connected in parallel with R186. Terminal B of T111 will be connected to Pin 1 of V116. Connections to Terminals C and D of T111 will remain unchanged. For circuit diagram see Service Data, Model 9T105.

In a few late production receivers the following changes will be made. R118 will be changed to 10 meg and R201 will become 150K. The bleeder resistors, R206, R209 and R216 will be lifted from ground and a 220 ohm resistor R239 will be inserted between the old bleeder and ground. This will create a new 5.5 volt bus. The cathode of the AGC diode pin 5 of V105 will be lifted from ground and connected to this 5.5 volt bus. A .01 mfd capacitor, C224, will be connected from Pin 5 of V105 to ground. Video load resistors R133, R229, and L115 will be removed. A 2700 ohm resistor R139 will be connected to junction of L106 and L109. R133, a 4700 ohm resistor will be connected between R139 and the 375 volt bus. A 270 mmf. capacitor C223 will be connected from the junction of R133, R139 and to Pin 8 of V107; C130 will be changed to .0033 mfd. For circuit diagram, see the Service Data for Model 9T105.

For circuit diagram of other chassis used in these models see page 89.

Model

9T57 York

9T77 Hillsdale

9T79 Northampton

Chassis Number

KCS 49T

KCS 49 AT

SECTION I

Parts With Circuit-Symbol Numbers

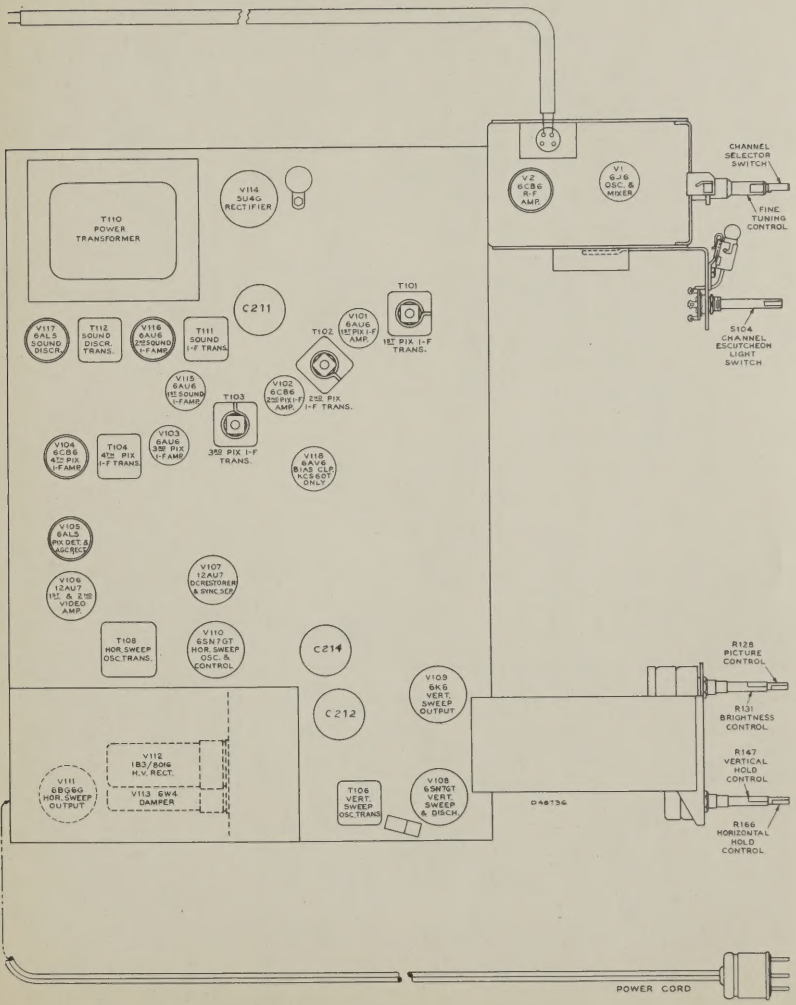
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer 50-75 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112	25531	See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, .047 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer (Sec. A, B) dual 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See L48
C176	75244	Ceramic, 270 μμf
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	74960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 47 μμf, 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C214	75592	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, and 1 section of 50 μf - 50 volts
C219	73598	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Single contact female connector for audio cable
J105	75482	Wafer socket
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L34, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L50		See W1
L49		See L22
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke complete with cable and connector L111, L112, C164, C165, P101
L112		See L111
L113	73154	Peaking coil
L200	75242	IF trap L200, C200, L201, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud; L203, C203
		CONNECTOR
P101	35383	8 contact male connector part of deflection yoke
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1		10,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		3900 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		1000 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		See L114
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±5%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control, R128,R131
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		560,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R139		12,000 ohms, ±10%, ½ watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		390,000 ohms, ±10%, ½ watt
R143		22,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, ½ watt
R145		8200 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control, R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R158		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, 1 watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, 1 watt
R169		8200 ohms, ±5%, ½ watt
R170		150,000 ohms, ±5%, 1 watt
R171		10,000 ohms, ±10%, ½ watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R182	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		See T111
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R200	72067	Wire wound, 5.1 ohms, ½ watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100,000 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, ½ watt
R212	75593	Wire wound, 8000 ohms, 15 watts
R214		1 megohm, ±20%, ½ watt
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		390,000 ohms, ±10%, ½ watt
R224		100,000 ohms, ±10%, ½ watt
R225		33,000 ohms, ±10%, ½ watt
R226		680 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75594	Channel indicator lamp switch
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 115 volt, 60 cycle
T111	71424	Sound IF transformer, dual winding type, incl. T111, C169, C170
	75211	Sound IF transformer, single winding type, incl. T111, C169, C170, R168
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and shunt coil; T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

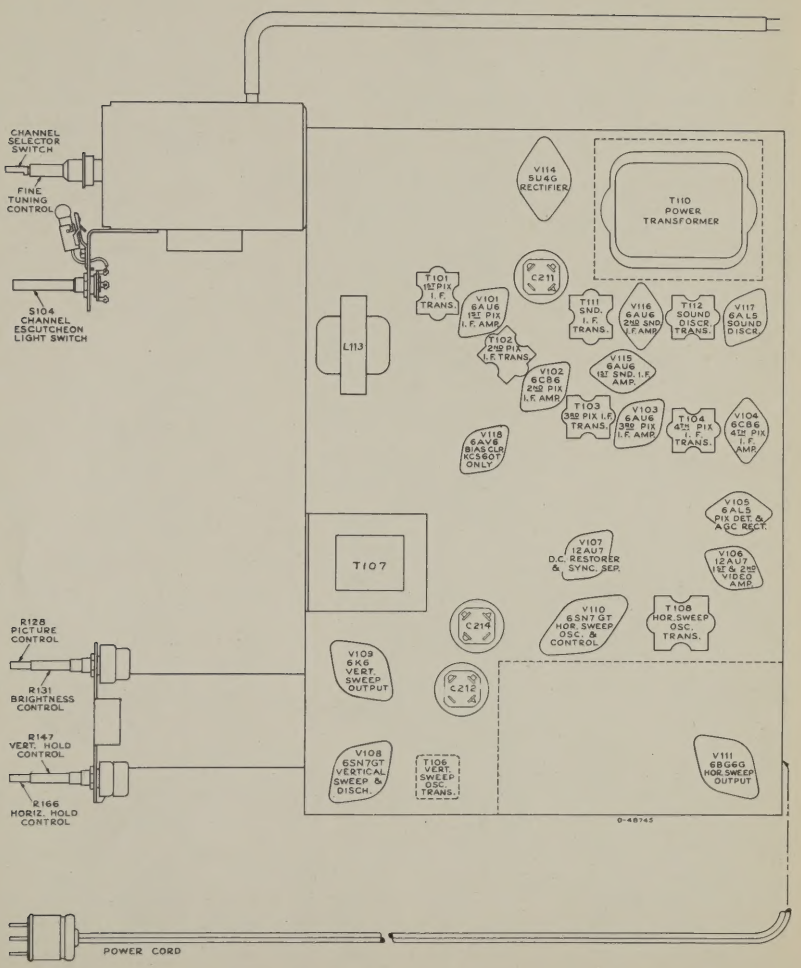
SECTION II

Parts Without Circuit-Symbol Numbers

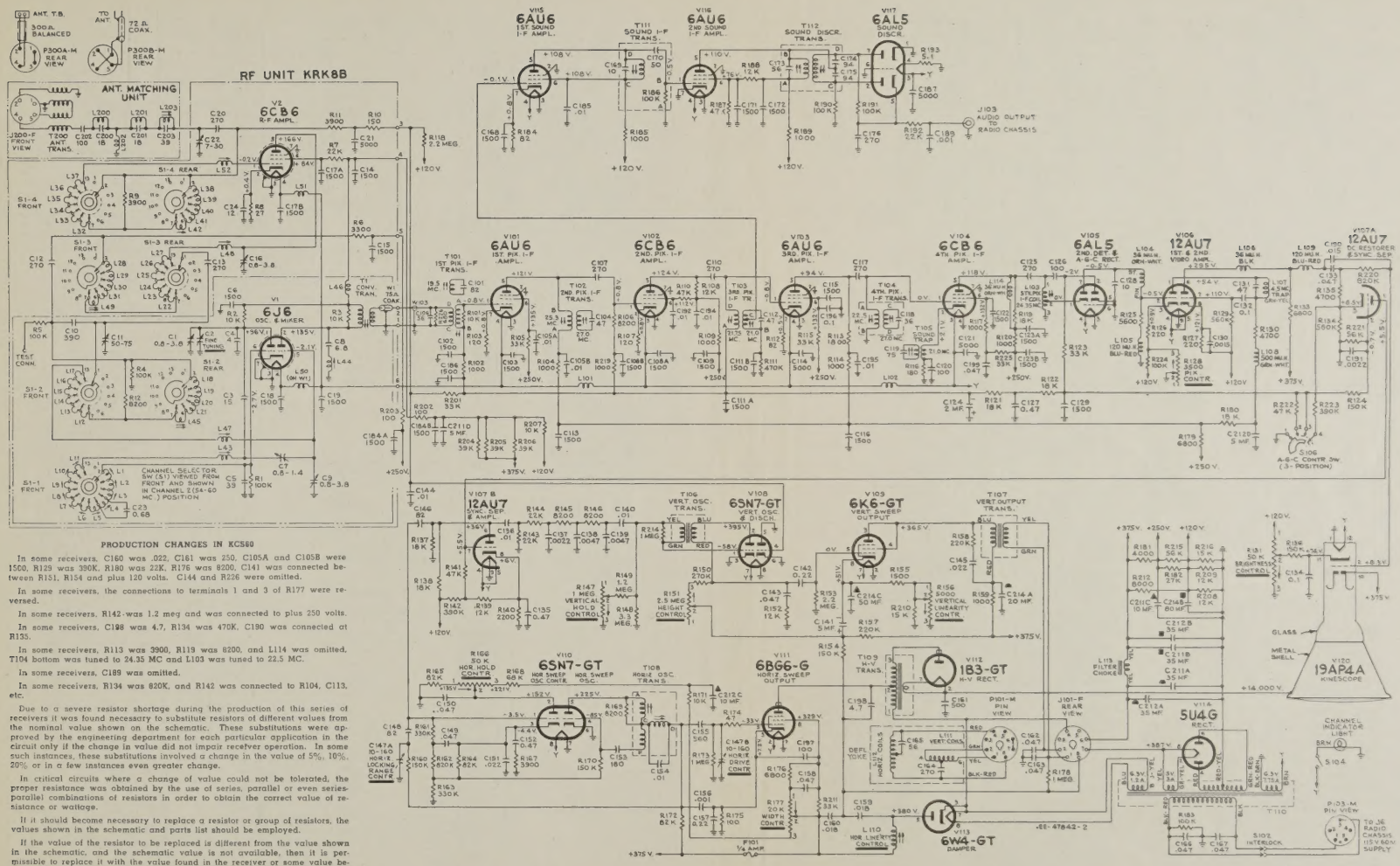
Stock No.	Description
	SPEAKER ASSEMBLY 92569-12W RMA 274 RL 111-A1
13867	Cap—Dust cap
75682	Cone—Cone and voice coil assembly (3.2 ohms)
75681	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) NOTE: If stamping on speaker does not agree with above number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
75772	Back—Back complete with terminal board, power cord and connector for television chassis compartment
10705	Ball—Steel ball for detent (5/32" dia.)
75473	Board—TV antenna terminal board (2 contact) part of back
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket
75228	Bracket—Focus magnet mounting bracket—upper
75229	Bracket—Focus magnet mounting bracket—lower
75067	Bracket—Vertical bracket for holding oscillator tube shield
72447	Cable—Shielded audio cable complete with 2 pin plugs
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for doors
75167	Clip—Tubular, clip for mounting stand-off capacitors
X3188	Cloth—Grille cloth
74594	Connector—2 contact male connector for power cord
74752	Connector—2 contact male connector for FM antenna leads
30868	Connector—2 contact female connector—part of main cable
39153	Connector—4 contact male connector for television antenna cable
75703	Connector—5 contact male connector—part of back assembly
75710	Connector—5 contact female connector—part of main cable—less shell
75709	Connector—8 contact female connector—part of main cable—less shell
75474	Connector—Single contact male connector for television antenna or speaker cable
75517	Contact—Anode connector contact only
75702	Cord—Power cord and two contact female connector less 5 contact male connector
70392	Cord—Power cord and plug—part of main cable
71498	Core—Adjustable core and stud for FM trap
75187	Core—Adjustable core for fine tuning capacitor C2
75608	Cushion—Dust seal cushion (rubber) for kinescope mask
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75640	Decal—Television controls function decal
74273	Decal—Trade mark decal (Victrola)
71984	Decal—Trade mark decal (RCA Victor)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Control marker escutcheon
74839	Fastener—Push fastener for mounting ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
75619	Glass—Safety glass
74838	Grommet—Power cord strain relief (1 set)
37396	Grommet—Rubber grommet for mounting speaker (4 required)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set) for radio-phono compartment, television compartment (LH door) or record storage compartment
36817	Hinge—Cabinet door hinge (1 set) for television compartment (RH door)
75636	Hinge—Cabinet door hinge (1 set) for speaker compartment—RH
75637	Hinge—Cabinet door hinge (1 set) for speaker compartment—LH
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly
74959	Knob—Television fine tuning control knob—maroon (outer)
73996	Knob—Television channel selector knob—maroon (inner)
74962	Knob—Television brightness control or vertical hold control knob—maroon (outer)
74969	Knob—Television channel marker light control knob—maroon
74963	Knob—Television picture control or horizontal hold control knob—maroon (inner)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud for standard 19AP4A tubes
75935	Magnet—Focus magnet complete with adjustable plate and stud for special 19AP4A tubes coded with a dot of green paint
76322	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask
73634	Nut—Speed nut for speaker mounting screws
75518	Plate—High-voltage plate — bakelite — less terminal, capacitor and tube socket
75638	Pull—Door pull for upper doors
75639	Pull—Door pull for lower doors
14343	Retainer—Fuse retainer and retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x 1/4" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x 3/8" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52

Continued on page 137, column 1


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
C211
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T103
V102 6CB6 2ND PIX I-F AMP.
T102
V101 6AU6 1ST PIX I-F AMP.
T101
1ST PIX I-F TRANS.
2ND PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
3RD PIX I-F TRANS.
V118 6AV6 BIAS CLP KCS 60T ONLY
V105 6AL5 PIX DET. & AGC REC.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DCRESTORER & SYNC SEP.
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
V112 1B3/8016 H.V. RECT.
V113 5W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7GT VERT. SWEEP & DISCH.
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
D48136
POWER CORD


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 15T PIX I.F. TRANS.
V101 6AU6 1ST PIX I.F. AMP.
T111 SND. I.F. TRANS.
V116 6AU6 2ND SND. I.F. AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
L113
T102 2ND PIX I.F. TRANS.
V115 6AU6 1ST SND. I.F. AMP.
V102 6CB6 2ND PIX I.F. AMP.
T103 3RD PIX I.F. TRANS.
V103 6AU6 3RD PIX I.F. AMP.
T104 4TH PIX I.F. TRANS.
V104 6CB6 4TH PIX I.F. AMP.
V118 6AV8 BIAS CLR KCS60T ONLY
V105 6AL5 PIX DET. & AGC RECT.
T107
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
C214
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERT. HOLD CONTROL
R166 HORIZ. HOLD CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
V108 6SN7GT VERTICAL SWEEP & DISCH.
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D-48745
POWER CORD

Circuit Diagram for Chassis Number KCS60


RF UNIT KRK8B
ANT. MATCHING UNIT
6CB6 R-F AMPL.
6J6 OSC & MIXER
6AU6 1ST SOUND I-F AMPL.
6AU6 2ND SOUND I-F AMPL.
6AL5 SOUND DISCR.
6AU6 1ST PIX. I-F AMPL.
6CB6 2ND PIX. I-F AMPL.
6AU6 3RD PIX. I-F AMPL.
6CB6 4TH PIX. I-F AMPL.
6AL5 2ND DET. & A.G.C. RECT.
12AU7 1ST & 2ND VIDEO AMPL.
12AU7 DC RESTORER & SYNC. SEP.
12AU7 SYNC. SEP. & AMPL.
6SN7-GT VERT. OSC. & DISCH.
6K6-GT VERT. SWEEP OUTPUT
6SN7-GT HOR. SWEEP OSC. CONTR.
6SN7-GT HORIZ. OSC.
6BG6-G HORIZ. SWEEP OUTPUT
1B3-GT H-V RECT.
5U4G RECT.
6W4-GT DAMPER
19AP4A KINESCOPE
CHANNEL SELECTOR SW. (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION
A-B-C CONTR. SW. (3-POSITION)
TO RADIO CHASSIS
TO BE RADIO CHASSIS 115 V 60 CY. SUPPLY

PRODUCTION CHANGES IN KCS60

In some receivers, C160 was .022, C161 was 250, C105A and C105B were 1500, R125 was 390K, R180 was 22K, R176 was 8200, C141 was connected between R151, R154 and plus 120 volts. C144 and R226 were omitted.

In some receivers, the connections to terminals 1 and 3 of R177 were reversed.

In some receivers, R142 was 1.2 meg and was connected to plus 250 volts.

In some receivers, C198 was 4.7, R134 was 470K, C190 was connected at R135.

In some receivers, R113 was 3900, R119 was 8200, and L114 was omitted, T104 bottom was tuned to 24.35 MC and L103 was tuned to 22.5 MC.

In some receivers, C189 was omitted.

In some receivers, R134 was 820K, and R142 was connected to R104, C113, etc.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in the value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive affect of these resistors may impair circuit operation.

Model
9T89
Sedgwick

For circuit diagram of other chassis used in this model see page 101.

Chassis Number
KCS 60

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.8-1.4 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf
C11	75174	Ceramic, trimmer 50-75 μμf
C12	75199	Ceramic, 270 μμf
C13	75199	Ceramic, 270 μμf
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 150 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf
C21	73473	Ceramic, 5000 μμf
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T105
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	75797	Electrolytic 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C128	51511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.2 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf
C172	75166	Ceramic, 1500 μμf
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 4.7 μμf, 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 −f+ 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 −f+ 450 volts, and 1 section of 5 μf - 450 volts
C214	75592	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Single contact female connector for audio cable
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Convertor stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L31, L43, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L14
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L35, L26, L27, L28, L29, L30, L31
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See T101
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) L47, C9
L48	75183	Trimmer coil (tuner) L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke complete with cable and connector L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil L114, R119
L115	76132	Peaking coil
L200	75242	IF trap incl. L200, C200, L201, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203

RESISTORS—FIXED COMPOSITION (Unless otherwise specified)

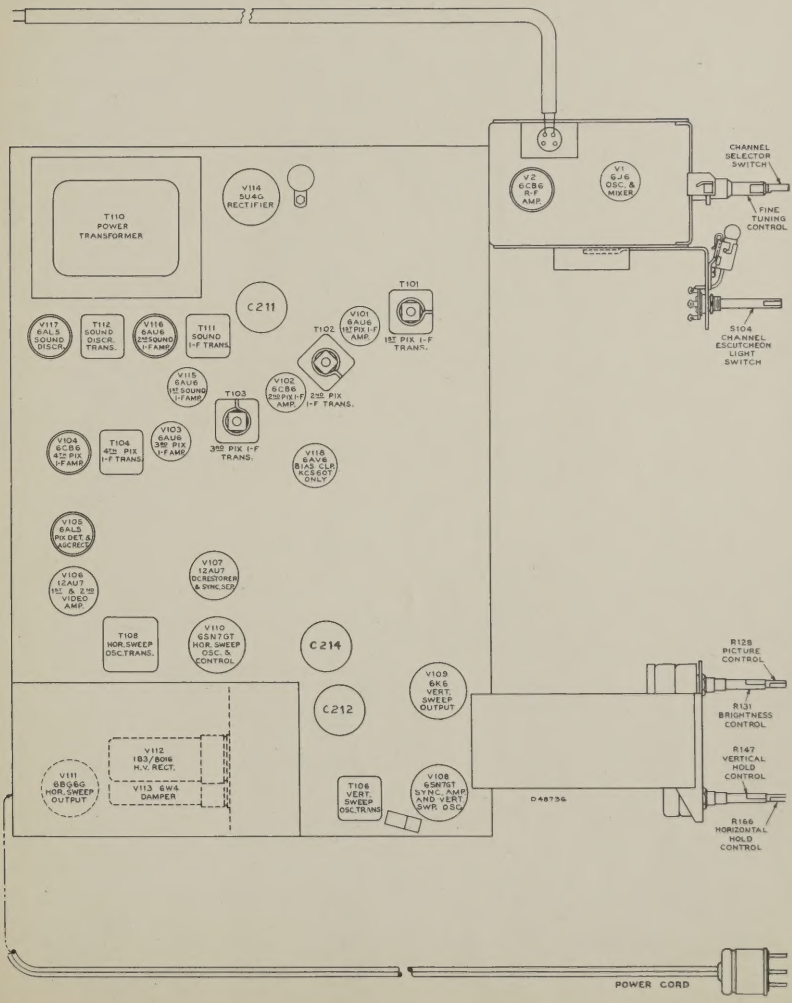
R1		100,000 ohms, ±20%, ½ watt
R2		10,000 ohms, ±20%, ½ watt
R3		10,000 ohms, ±5%, ½ watt
R4		100,000 ohms, ±20%, ½ watt
R5		100,000 ohms, ±20%, ½ watt
R6		3300 ohms, ±10%, ½ watt
R7		22,000 ohms, ±10%, ½ watt
R8		27 ohms, ±10%, ½ watt
R9		8200 ohms, ±10%, ½ watt
R10		150 ohms, ±20%, ½ watt
R11		3900 ohms, ±10%, ½ watt
R12		8200 ohms, ±10%, ½ watt
R101		See T101
R102		100 ohms, ±20%, ½ watt
R103		82 ohms, ±10%, ½ watt
R104		1000 ohms, ±20%, ½ watt
R105		33,000 ohms, ±10%, ½ watt
R106		8200 ohms, ±5%, ½ watt
R107		82 ohms, ±10%, ½ watt
R108		12,000 ohms, ±5%, 1 watt
R109		1000 ohms, ±20%, ½ watt
R110		47,000 ohms, ±20%, ½ watt
R111		470,000 ohms, ±10%, ½ watt
R112		82 ohms, ±10%, ½ watt
R113		1800 ohms, ±10%, ½ watt
R114		1000 ohms, ±20%, ½ watt
R115		33,000 ohms, ±10%, ½ watt
R116		180 ohms, ±10%, ½ watt
R117		1000 ohms, ±20%, ½ watt
R118		2.2 megohms, ±10%, ½ watt
R119		See L114
R120		6800 ohms, ±10%, 1 watt
R121		18,000 ohms, ±10%, ½ watt
R122		18,000 ohms, ±10%, ½ watt
R123		33,000 ohms, ±20%, ½ watt
R124		150,000 ohms, ±20%, ½ watt
R125		5600 ohms, ±10%, ½ watt
R126		220 ohms, ±10%, ½ watt
R127		220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control, R128, R131
R129		560,000 ohms, ±10%, ½ watt
R130		4700 ohms, ±5%, ½ watt
R131		See R128
R133		6800 ohms, ±10%, 2 watts
R134		220,000 ohms, ±10%, ½ watt
R135		4700 ohms, ±10%, ½ watt
R136		150,000 ohms, ±10%, ½ watt
R137		18,000 ohms, ±10%, ½ watt
R138		18,000 ohms, ±10%, 1 watt
R140		2200 ohms, ±20%, ½ watt
R141		47,000 ohms, ±10%, ½ watt
R142		180,000 ohms, ±10%, ½ watt
R143		390,000 ohms, ±10%, ½ watt
R144		22,000 ohms, ±10%, 2 watts
R145		22,000 ohms, ±10%, ½ watt
R146		8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control, R147, R166
R148		3.9 megohms, ±5%, ½ watt
R149		1.2 megohms, ±5%, ½ watt
R150		270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152		12,000 ohms, ±5%, ½ watt
R153		2.2 megohms, ±10%, ½ watt
R154		150,000 ohms, ±10%, ½ watt
R155		1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157		220,000 ohms, ±10%, ½ watt
R159		220,000 ohms, ±10%, ½ watt
R159		1000 ohms, ±20%, ½ watt
R160		150,000 ohms, ±10%, ½ watt
R161		330,000 ohms, ±10%, ½ watt
R162		820,000 ohms, ±10%, ½ watt
R163		330,000 ohms, ±5%, 1 watt
R164		82,000 ohms, ±10%, 1 watt
R165		82,000 ohms, ±10%, 1 watt
R166		See R147
R167		3900 ohms, ±10%, ½ watt
R168		68,000 ohms, ±10%, 1 watt
R169		8200 ohms, ±5%, ½ watt
R170		150,000 ohms, ±5%, 1 watt
R171		10,000 ohms, ±10%, ½ watt
R172		82,000 ohms, ±5%, 1 watt
R173		1 megohm, ±10%, ½ watt
R174		47 ohms, ±20%, ½ watt
R175		100 ohms, ±10%, 2 watts
R176		6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178		1 megohm, ±20%, ½ watt
R179		6800 ohms, ±10%, 2 watts
R180		18,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182		27,000 ohms, ±10%, 2 watts
R183		100,000 ohms, ±20%, 2 watts
R184		82 ohms, ±10%, ½ watt
R185		1000 ohms, ±20%, ½ watt
R186		See T111
R187		47,000 ohms, ±10%, ½ watt
R188		12,000 ohms, ±10%, ½ watt
R189		1000 ohms, ±20%, ½ watt
R190		100,000 ohms, ±5%, ½ watt
R191		100,000 ohms, ±5%, ½ watt
R192		22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R201		33,000 ohms, ±10%, ½ watt
R202		100 ohms, ±20%, ½ watt
R203		100 ohms, ±20%, ½ watt
R204		39,000 ohms, ±10%, 2 watts
R205		39,000 ohms, ±10%, 2 watts
R206		39,000 ohms, ±10%, 2 watts
R207		10,000 ohms, ±10%, 2 watts
R208		12,000 ohms, ±10%, 2 watts
R209		12,000 ohms, ±10%, 2 watts
R210		15,000 ohms, ±10%, ½ watt
R211		33,000 ohms, ±10%, ½ watt
R213	75593	Wire wound, 8000 ohms, 15 watts
R214		1 megohm, ±20%, ½ watt
R215		56,000 ohms, ±10%, 1 watt
R216		15,000 ohms, ±10%, 2 watts
R219		1000 ohms, ±20%, ½ watt
R220		820,000 ohms, ±10%, ½ watt
R221		56,000 ohms, ±10%, ½ watt
R222		47,000 ohms, ±10%, ½ watt
R223		220,000 ohms, ±10%, ½ watt
R224		390,000 ohms, ±10%, ½ watt
R225		100,000 ohms, ±10%, ½ watt
R226		33,000 ohms, ±10%, ½ watt
R230		680 ohms, ±10%, ½ watt
R231		4700 ohms, ±10%, ½ watt
R232		220,000 ohms, ±10%, ½ watt
R233		220,000 ohms, ±10%, ½ watt
R234		100,000 ohms, ±10%, ½ watt
R235		56,000 ohms, ±10%, ½ watt
R236		5600 ohms, ±10%, ½ watt
R237		10,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75594	Channel indicator lamp switch
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Convertor transformer
T101	74589	First picture IF transformer incl. and two contact female connector less 5 contact male connector T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 115 volt, 60 cycle
T111	71424	Sound IF transformer dual winding type, incl. T111, C169, C170
	75211	Sound IF transformer, single winding type, incl. T111, C169, C170, R186
T112	75212	Sound discriminator transformer T112, C174, C175
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps and choke coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7½") complete with coil W1, L50

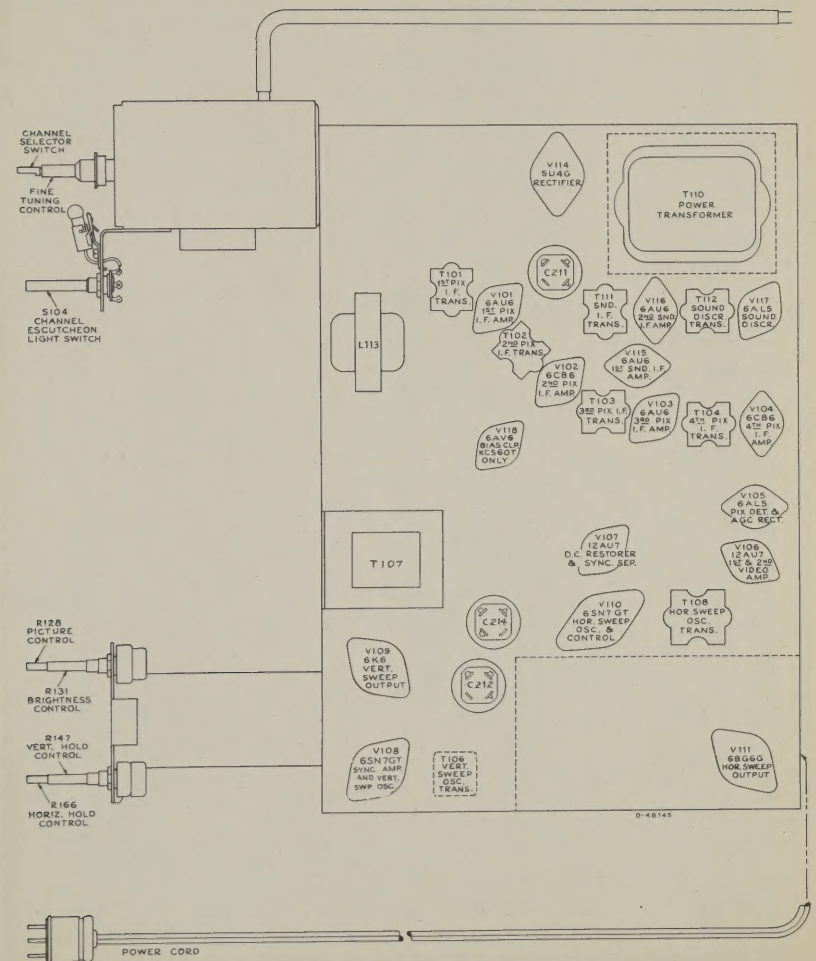
SECTION II

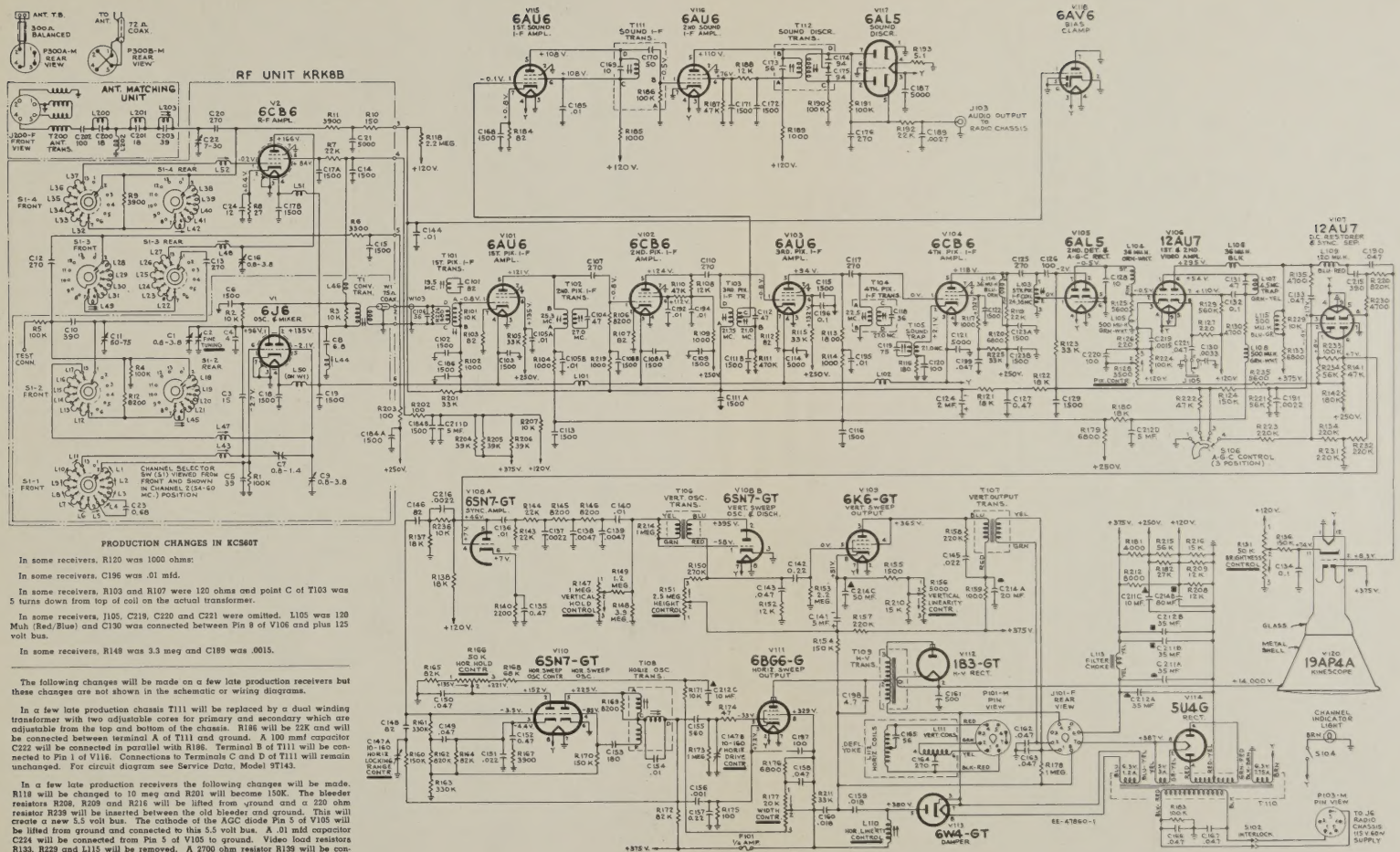
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY 92569-12W RMA 274 RL 111-A1
13867	Cap—Dust cap
75682	Cone—Cone and voice coil assembly (3.2 ohms)
75681	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms)
	NOTE: If stamping on speaker does not agree with above number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
75772	Back—Back complete with terminal board, power cord and connector for television chassis compartment
10705	Ball—Steel ball for detent (5/32" dia.)
75188	Board—Terminal board, 5 contact and ground
75473	Board—TV antenna terminal board (2 contact) part of back
75515	Bracket—Channel indicator lamp bracket
75228	Bracket—Focus magnet mounting bracket—upper
75229	Bracket—Focus magnet mounting bracket—lower
71599	Bracket—Lamp bracket
75067	Bracket—Vertical bracket for holding oscillator tube shield
72447	Cable—Shielded audio cable complete with two (2) pin plugs
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for doors
75167	Clip—Tubular, clip for mounting stand-off capacitors
X3188	Cloth—Grille cloth
30868	Connector—2 contact female connector—part of main cable
74594	Connector—2 contact male connector for power cord
75474	Connector—Single contact male connector for television antenna or speaker cable
39153	Connector—4 contact male connector for television antenna cable
75703	Connector—5 contact male connector—part of back assembly
75710	Connector—5 contact female connector—part of main cable—less shell
75709	Connector—5 contact female connector—part of main cable—less shell
75517	Contact—Anode connector contact only
75702	Cord—Power cord and two contact female connector less 5 contact male connector
70392	Cord—Power cord and plug—part of main cable
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Seat seal cushion (rubber) for kinescope mask
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75640	Decal—Television controls function decal
71984	Decal—Trade mark decal (RCA Victor)
74273	Decal—Channel mark decal (Victrola)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Control marker escutcheon
74839	Fastener—Push fastener for mounting ceramic tube socket (2 required)
73453	Fuse—Fuse clip for L45 and L49
75619	Glass—Safety glass
74838	Grommet—Power cord strain relief (1 set)
37396	Grommet—Rubber grommet for mounting speaker (4 required)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set) for radio-phono compartment, television compartment (LH door) or record storage compartments
36817	Hinge—Cabinet door hinge (1 set) for television compartment (RH door)
75636	Hinge—Cabinet door hinge (1 set) for speaker compartment—RH
75637	Hinge—Cabinet door hinge (1 set) for speaker compartment—LH
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly
74959	Knob—Television fine tuning control knob—maroon (outer)
73996	Knob—Television channel selector knob—maroon (inner)
74962	Knob—Television brightness control or vertical hold control knob—maroon
74969	Knob—Television channel marker light switch knob—maroon
74963	Knob—Television picture control or horizontal hold control knob—maroon (inner)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
76322	Magnet—Focus magnet (P.M.)
75504	Magnet—Focus magnet complete with adjustable plate and stud for standard 19AP4 tubes
75935	Magnet—Focus magnet complete with adjustable plate and stud for special 19AP4A tubes
75459	Mask—Channel indicator light mask
73634	Nut—Speed nut for speaker mounting screws
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75638	Pull—Door pull for upper doors
75639	Pull—Door pull for lower doors
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link

Continued on page 137, column 2


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
C211
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T103
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
3RD PIX I-F TRANS.
V118 6AV6 B1A3 CLR KCS60T ONLY
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C214
C212
V109 6K6 VERT. SWEEP OUTPUT
V112 1B3/8016 H.V. RECT.
V111 6BQ6G HOR. SWEEP OUTPUT
V113 6W4 DAMPER
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7GT SYNC. AMP. AND VERT. SWR OSC.
T102
T101
V101 6AU6 1ST PIX I-F AMP.
2ND PIX I-F TRANS.
1ST PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
D48736
POWER CORD


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX. I.F. TRANS.
V101 6AU6 1ST PIX. I.F. AMP.
T111 SND. I.F. TRANS.
V116 6AU6 2ND SND. I.F. AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
L113
T102 2ND PIX. I.F. TRANS.
V115 6AU6 1ST SND. I.F. AMP.
V102 6CB6 2ND PIX. I.F. AMP.
T103 3RD PIX. I.F. TRANS.
V103 6AU6 3RD PIX. I.F. AMP.
T104 4TH PIX. I.F. TRANS.
V104 6CB6 4TH PIX. I.F. AMP.
V118 6AV6 BIAS CLP. KCS60T ONLY
V105 6AL5 PIX DET. & AGC RECT.
T107
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
C214
V110 6SN7 GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERT. HOLD CONTROL
R166 HORIZ. HOLD CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
V108 6SN7GT SYNC. AMP. AND VERT. SWP. OSC.
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D-48745
POWER CORD


ANT. T.B.
300Ω BALANCED
P300A-M REAR VIEW
TO ANT.
72 Ω COAX
P300B-M REAR VIEW
RF UNIT KRK8B
ANT. MATCHING UNIT
J200-F FRONT VIEW
T200 ANT. TRANS.
V2 6CB6 R-F AMPL.
V15 6AU6 1ST. I-F AMPL.
T111 SOUND I-F TRANS.
V16 6AU6 2ND SOUND I-F AMPL.
T112 SOUND DISCR. TRANS.
V17 6AL5 SOUND DISCR.
V18 6AV6 BIAS CLAMP
J103 AUDIO OUTPUT TO RADIO CHASSIS
V1 6J6 OSC & MIXER
V101 6AU6 1ST. PIX. I-F AMPL.
T101 1ST. PIX. I-F TRANS.
V102 6CB6 2ND. PIX. I-F AMPL.
T102 2ND. PIX. I-F TRANS.
V103 6AU6 3RD. PIX. I-F AMPL.
T103 3RD. PIX. I-F TR
V104 6CB6 4TH PIX. I-F AMPL.
T104 4TH. PIX. I-F TRANS
T105 SOUND TRAP
V105 6AL5 2ND. DET & A-G-C REC.
V106 12AU7 1ST & 2ND VIDEO AMPS.
V107 12AU7 D.C. RESTORER & SYNC SEP.
R106 A-G-C CONTROL (3 POSITION)
V108A 6SN7-GT SYNC AMPL.
V108B 6SN7-GT VERT. SWEEP OSC. & DISCH.
T106 VERT. OSC. TRANS.
V109 6K6-GT VERT. SWEEP OUTPUT
T107 VERT. OUTPUT TRANS.
V110 6SN7-GT HOR. SWEEP OSC.
T108 HORIZ. OSC. TRANS.
V111 6BG6-G HORIZ. SWEEP OUTPUT
V112 1B3-GT H-V RECT.
T109 H-V TRANS.
V113 6W4-GT DAMPER
V114 5U4G RECT.
V120 19AP4A KINESCOPE
CHANNEL SELECTOR SW (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION
S1-1 FRONT
S1-2 FRONT
S1-2 REAR
S1-3 FRONT
S1-3 REAR
S1-4 FRONT
S1-4 REAR
TEST CONN.
+120 V.
+250 V.
+375 V.
+14,000 V.

PRODUCTION CHANGES IN KCS60T

In some receivers, R120 was 1000 ohms:

In some receivers, C196 was .01 mfd.

In some receivers, R103 and R107 were 120 ohms and point C of T103 was 5 turns down from top of coil on the actual transformer.

In some receivers, J105, C219, C220 and C221 were omitted. L105 was 120 Muh (Red/Blue) and C130 was connected between Pin 8 of V106 and plus 125 volt bus.

In some receivers, R149 was 3.3 meg and C189 was .0015.

The following changes will be made on a few late production receivers but these changes are not shown in the schematic or wiring diagrams.

In a few late production chassis T111 will be replaced by a dual winding transformer with two adjustable cores for primary and secondary which are adjustable from the top and bottom of the chassis. R186 will be 22K and will be connected between terminal A of T111 and ground. A 100 mmf capacitor C222 will be connected in parallel with R186. Terminal B of T111 will be connected to Pin 1 of V116. Connections to Terminals C and D of T111 will remain unchanged. For circuit diagram see Service Data, Model 9T143.

In a few late production receivers the following changes will be made. R118 will be changed to 10 meg and R201 will become 150K. The bleeder resistors R208, R209 and R216 will be lifted from ground and a 220 ohm resistor R239 will be inserted between the old bleeder and ground. This will create a new 5.5 volt bus. The cathode of the AGC diode Pin 5 of V105 will be lifted from ground and connected to this 5.5 volt bus. A .01 mfd capacitor C224 will be connected from Pin 5 of V105 to ground. Video load resistors R133, R229 and L115 will be removed. A 2700 ohm resistor R139 will be connected to junction of L106 and L109. R133 a 4700 ohm resistor will be connected between R139 and the 375 volt bus. A 270 mmf capacitor C223 will be connected from the junction of R133, R139 and to Pin 8 of V107. C130 will be changed to .0033 mfd. For circuit diagram, see the Service Data for Model 9T143.

For circuit diagram of other chassis used in this model see page 97.

Model
9T89
Sedgwick

Chassis Number
KCS60T

SECTION I

Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer 50-75 μμf. See L12
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf. See L1
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	75469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	73596	Ceramic, 100 μμf
C127	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C128	51511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper , oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C162	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	77348	Ceramic, 1500 μμf
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39638	Mica, 270 μμf
C181	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73560	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 400 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 500 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 4.7 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202		See T200
C203	75437	Ceramic, 100 μμf
		See T200, L203
C209	75450	Ceramic, 27 μμf
C211	75510	Capacitor, electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Capacitor, electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	39396	Ceramic, 100 μμf
C223	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf

Symbol	Stock No.	Description
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors: S1-1 C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors: S1-2 C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor: S1-3, C13, L22, L34, L34, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors: S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable coil
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165, P101
L112		See L111
L113	76284	Filter choke
L114	76285	Peaking coil
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt See T101
R101	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	14250	8200 ohms, ±5%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	30866	12,000 ohms, ±5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113	503218	1800 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt See L114
R120	513268	6800 ohms, ±10%, 1 watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504115	150,000 ohms, ±20%, ½ watt
R125	30734	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control for 9T105 only, R128, R131
	75514	Picture control, brightness control and channel light switch R128, R131, S105
R129	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt See R128
R131	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	270 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148	70249	3.9 megohms, ±5%, ½ watt
R149	30162	1.2 megohms, ±5%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503422	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	38892	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt See R147
R166		
R167	503239	3900 ohms, ±10%, ½ watt
R168	513386	86,00 ohms, ±10%, 1 watt
R169	14250	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R172	52609	82,000 ohms, ±5%, 1 watt
R173	503510	1 megohm, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513269	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R188	503312	12,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R193	73067	Wire wound, 5.1 ohms, ½ watt
R194	504610	10 megohms, ±20%, ½ watt
R195	76171	Volume control and power switch R195, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R197	503318	18,000 ohms, ±10%, ½ watt
R198	503433	330,000 ohms, ±10%, ½ watt
R199	503447	470,000 ohms, ±10%, ½ watt
R200	513139	390 ohms, ±10%, 1 watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±10%, ½ watt
R207	523310	100,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R213	503322	22,000 ohms, ±10%, ½ watt
R214	504510	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R217	503110	100 ohms, ±10%, ½ watt
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	513482	820,000 ohms, ±10%, 1 watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503322	22,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	513168	680 ohms, ±10%, 1 watt
R227	76065	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	76170	Tone control and phono switch
S105		See R128
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Convertr transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74184	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75565	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	71424	Sound IF transformer T111, C169, C170
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T113	75520	Audio output transformer
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and shunt coil T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200

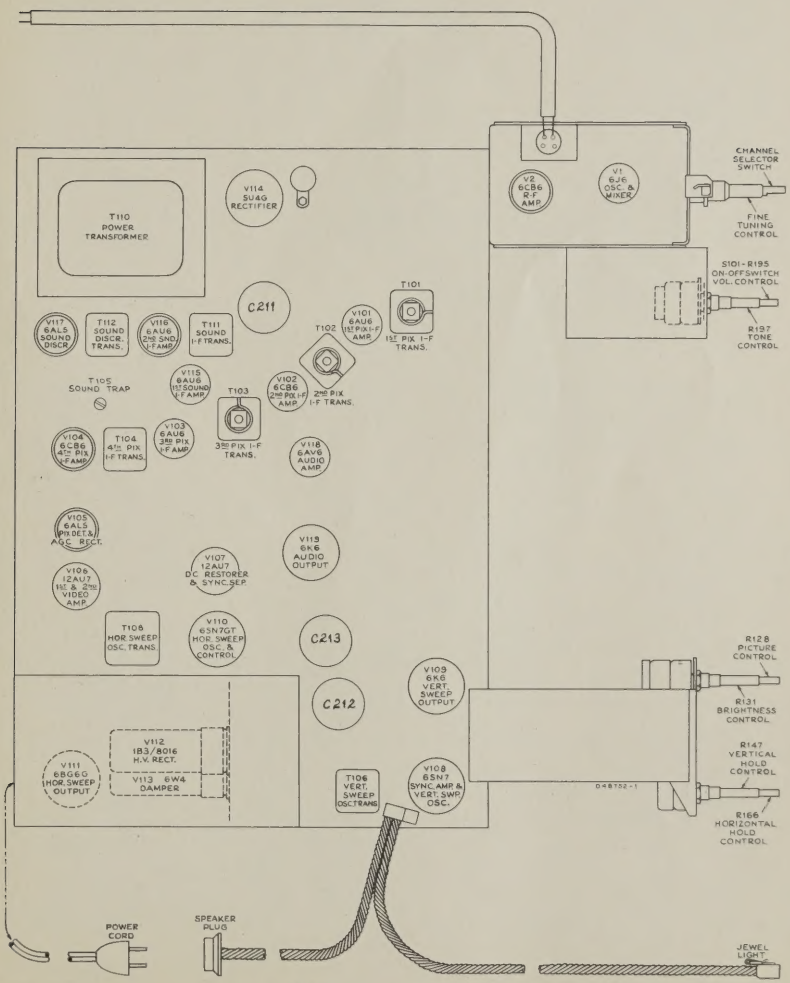
Symbol	Stock No.	Description
		CABLE
W1	75201	75 ohms, coax cable (7¼") complete with coil W1, L50

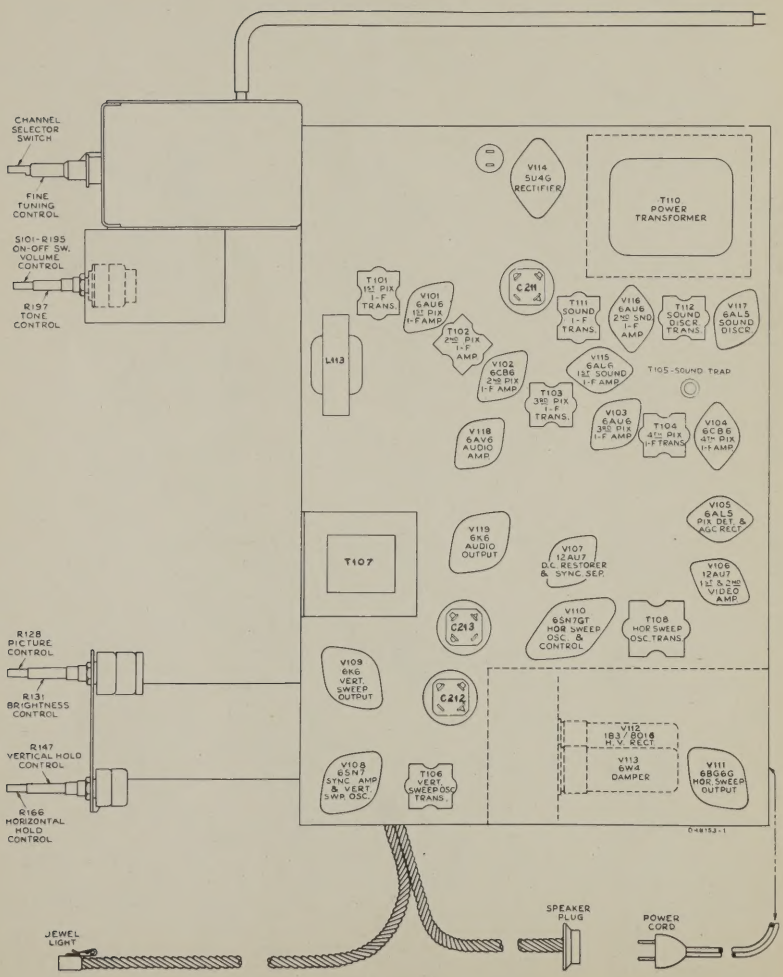
SECTION II

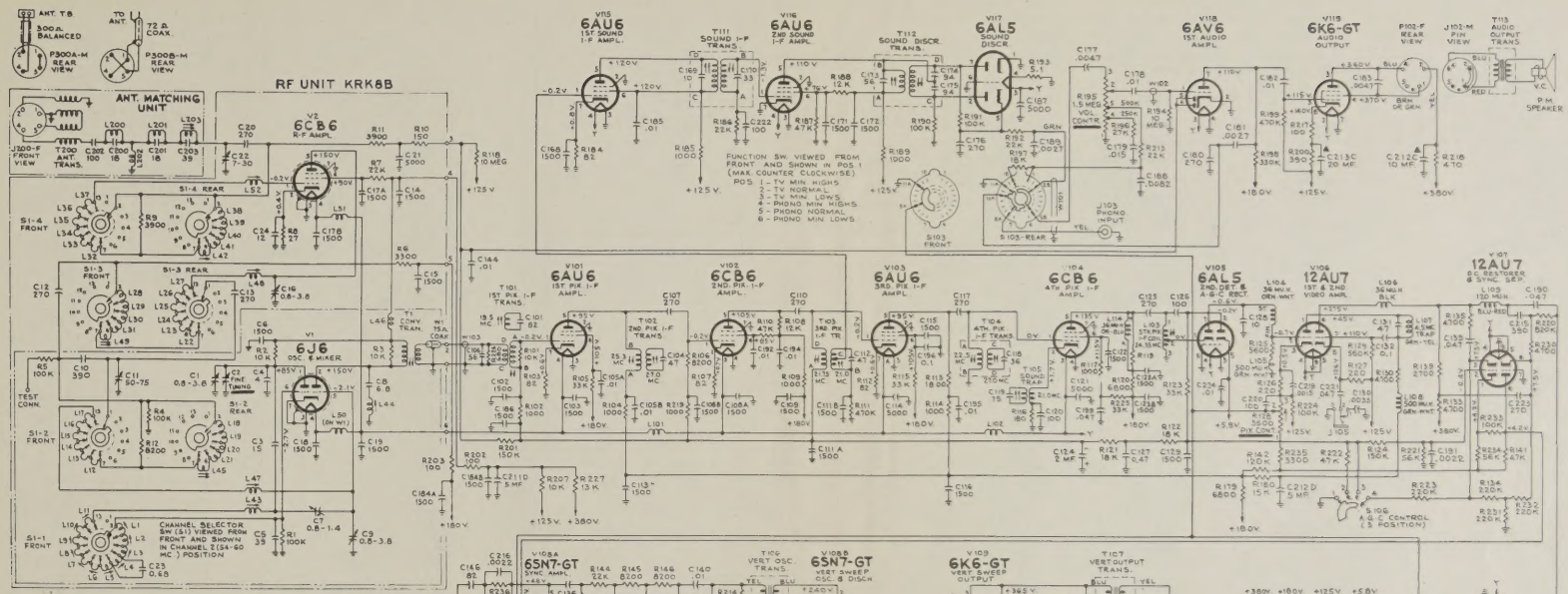
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES **92580-4W** **RL 105C8** **RMA 274** **(For Model 9T105)**
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector (J102)
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES **92580-4F** **RMA 150** **(For Model 9T105)**
76120	Cone—Cone complete with voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES **92569-11W** **RL 111A2** **RMA 274** **(For Models 9T126, 9T128)**
13867	Cap—Dust cap
75082	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector (J102)
74974	Speaker—12" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES **92569-11S** **(For Models 9T126, 9T128)**
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES **92569-11R** **RMA 285** **(For Models 9T126, 9T128)**
76121	Cone—Cone and voice coil assembly (3.2 ohms) NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76192	Back—Cabinet back complete with power cord and terminal board for Model 9T105
76194	Back—Cabinet back complete with power cord and terminal board for Models 9T126 and 9T128
76184	Board—"Antenna" terminal board
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket for console models
75229	Bracket—Focus magnet mounting bracket —lower
75228	Bracket—Focus magnet mounting bracket —upper
71599	Bracket—Pilot lamp bracket for Model 9T126, 9T128

Continued on page 137, column 4


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOL. CONTROL
R197 TONE CONTROL
C211
T101
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
T102
V117 6AL5 SOUND DISCR.
T112 SOUND DISCR. TRANS.
V116 6AU6 2ND SND. I-F AMP.
T111 SOUND I-F TRANS.
T105 SOUND TRAP
V115 6AU6 1ST SOUND I-F AMP.
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS.
T103
3RD PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V107 12AU7 DC RESTORER & SYNC SEP.
V113 6K6 AUDIO OUTPUT
V106 12AU7 1ST & 2ND VIDEO AMP.
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V111 6BG6G HOR. SWEEP OUTPUT
V113 6W4 DAMPER
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP. & VERT. SWP. OSC.
D48752-1
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SW. VOLUME CONTROL
R197 TONE CONTROL
R128 PICTURE CONTROL
R137 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
JEWEL LIGHT
SPEAKER PLUG
POWER CORD
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F AMP.
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T111 SOUND I-F TRANS.
V116 6AU6 2ND SND I-F AMP.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
L113
V115 6AL6 1ST SOUND I-F AMP.
T105 - SOUND TRAP
V118 6AV6 AUDIO AMP.
T107
V119 6K6 AUDIO OUTPUT
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V109 6K6 VERT. SWEEP OUTPUT
C212
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BG6G HOR. SWEEP OUTPUT
V108 6SN7 SYNC. AMP & VERT. SWP. OSC.
T106 VERT. SWEEP OSC. TRANS.
D-48153-1



PRODUCTION CHANGES

In some receivers, T111 had only a single winding, C170 was 50 mmf and was connected between V115-5 and V116-1, R186 was 100 k and was connected between V116-1 and gnd. C222 was omitted.

In some receivers, R118 was 2.2 meg, R133 was 6800, R201 was 33 k and C130 was .0015. V108-5 was connected to gnd and C224 was omitted. R229, 10 k and L115, 500 Muh. which were connected in parallel were removed and replaced by R139, R239 was omitted and R228 was connected to gnd. C223 was omitted.

In some receivers R173 was 1 meg.

In some receivers, R183 was 100 k and was connected from 115 V AC supply line to gnd.

In some receivers, R149 was 1.2 meg. R148, 3.9 meg was removed. It was connected between the yellow lead of T106 and gnd.

KCS49BF AND KCS49CF

To increase sound sensitivity in a few late KCS49B and KCS49C chassis, the following production changes were made. R106 was changed to 4700 ohms, R113 was changed to 8200 ohms, R119 was changed to 6800 ohms, L114 was removed and R120 was changed to 1000 ohms. C225, 1500 MMF was added in parallel with R107.

The picture i-f was then aligned to the following frequencies. T102 was peaked at 22.5 Mc., T103 was peaked at 21.95 Mc., T104 was peaked at 25.35 Mc. and L103 was peaked at 23.7 Mc. The receiver was then sweep aligned for the normal i-f response. Chassis which were modified as described above were marked KCS49BF or KCS49CF.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values than the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the r-f unit, i-f or video sections as the inductive effect of these resistors may impair circuit operation.

Model

9T105 York

9T126 Hillsdale

9T128 Provincial

For circuit diagram of other chassis used in these models see page 109.

Chassis Number

KCS 49 B

KCS 49 BF

KCS 49 C

KCS 49 CF

SECTION I

Parts With Circuit-Symbol Numbers

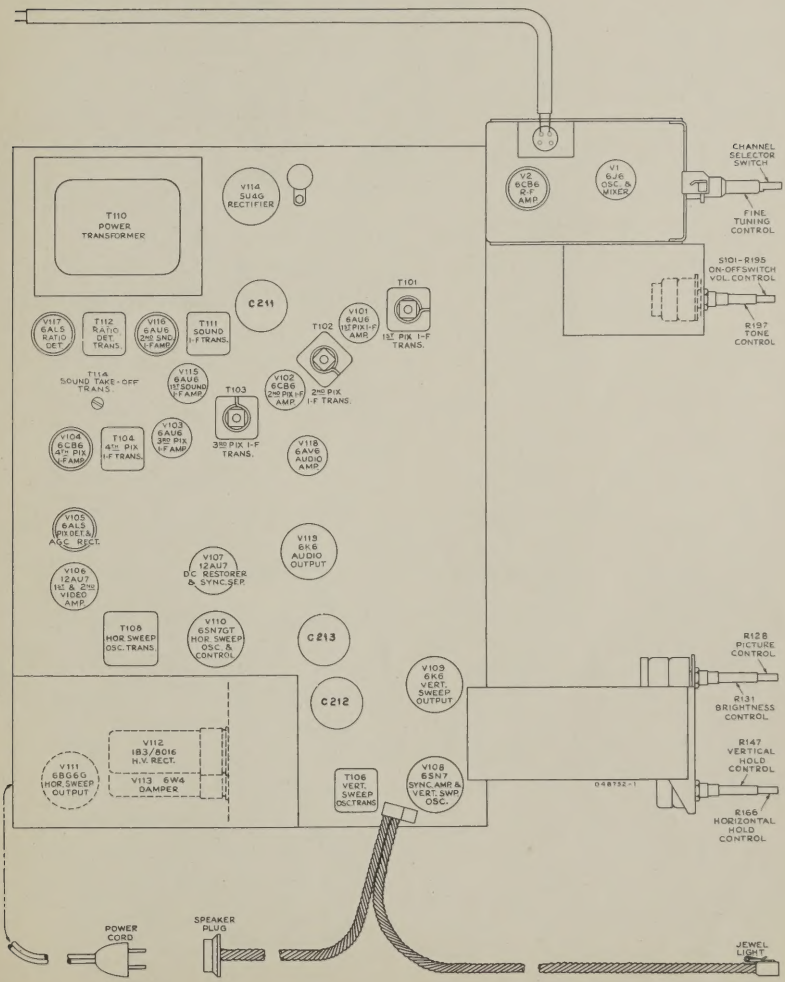
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf. See L1
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75106	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf. See L12
C11	75174	Ceramic, trimmer, 50-75 μμf. See L12
C12	75199	Ceramic, 270 μμf. See L12
C13	75199	Ceramic, 270 μμf. See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf. See L32
C21	73473	Ceramic, 5000 μμf. See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf. See L1
C24	75200	Ceramic, 12 μμf. See L1
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	73748	Ceramic, 1500 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, paper, oil-impregnated, 0.47 μf -200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C162	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L112
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C169		See T111
C170		See T112
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C177	73920	Tubular, paper, oil-impregnated, .018 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39638	Mica, 270 μμf
C181	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 400 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 4.7 μμf
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202		See T200
C203	75437	Ceramic, 100 μμf
		See T200, L203
C211	75437	Ceramic, 39 μμf
	75510	Capacitor, electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75511	Capacitor, electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C222	71924	Ceramic, 56 μμf
C223	76303	Ceramic, 270 μμf
C224	73960	Ceramic, 10,000 μμf
C225	73748	Ceramic, 1500 μμf
C277	73473	Ceramic, 4700 μμf
C278	76473	Mica, 330 μμf
C279	39644	Mica, 470 μμf
C280	39644	Mica, 470 μμf
C281	74521	Electrolytic, 5 μf - 50 volts
C282	73960	Ceramic, 10,000 μμf
C283	73960	Ceramic, 10,000 μμf
C284	73960	Ceramic, 10,000 μμf
C285	73960	Ceramic, 10,000 μμf
C286	73960	Ceramic, 10,000 μμf
C287	76532	Adjustable trimmer, steatite, 1-4 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L12
L29		See L12
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L12
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable coil
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	76704	4.3 mc trap incl. L106, C275
L107	75251	4.5 mc trap L107, C131
L114	75253	Peaking coil L114, R113
L115	74477	Choke coil
L116	75252	Peaking coil
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R101		See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	502247	4700 ohms, ±10%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	30866	12,000 ohms, ±5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	1 megohms, ±10%, ½ watt
R119	513268	68,000 ohms, ±10%, 1 watt
R120	504210	1000 ohms, ±10%, ½ watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	15,000 ohms, ±20%, ½ watt
R125	30734	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control for 9T105 only; R128, R131
	75514	Picture control, brightness control and channel light switch R131, R131, S105
R129	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt
R131		See R128
R133	513247	470 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148	70249	3.9 megohms, ±5%, ½ watt
R149	30162	1.2 megohms, ±5%, ½ watt
R150	503412	120,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	504336	12,000 ohms, ±5%, ½ watt
R153	503422	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	38892	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	18,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	14250	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R172	52609	82,000 ohms, ±5%, 1 watt
R173	503510	1 megohm, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513368	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503347	47,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R188	503312	12,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R194	504610	10 megohms, ±20%, ½ watt
R195	76171	Volume control and power switch R195, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R197	503318	18,000 ohms, ±10%, ½ watt
R198	503433	330,000 ohms, ±10%, ½ watt
R199	503447	470,000 ohms, ±10%, ½ watt
R200	513139	390 ohms, ±10%, 1 watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R213	503322	22,000 ohms, ±10%, ½ watt
R214	503610	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R217	503110	100 ohms, ±10%, ½ watt
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	503482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76063	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt
R275	503268	68,00 ohms, ±5%, ½ watt
R277	34763	68 ohms, ±20%, ½ watt
R278	504047	47 ohms, ±20%, ½ watt
R279	502210	1000 ohms, ±5%, ½ watt
R281	14659	6800 ohms, ±5%, ½ watt
R282	14659	6800 ohms, ±5%, ½ watt
R283	503447	470,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	76170	Tone control and phono switch
S105		See R128
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	74213	Horizontal oscillator transformer
T109	75585	High-voltage transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	76438	Sound IF transformer T111, C169, C170
T112	76702	Ratio detector transformer incl. T112, C173, C174
T113	75520	Audio output transformer
T114	76703	Sound take-off transformer incl. T114, C276, R276
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and shunt coils T200, C200, C201, C202, C203, J200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLES
W1	75201	75 ohms, coax cable (7½") complete with coil W1, L50

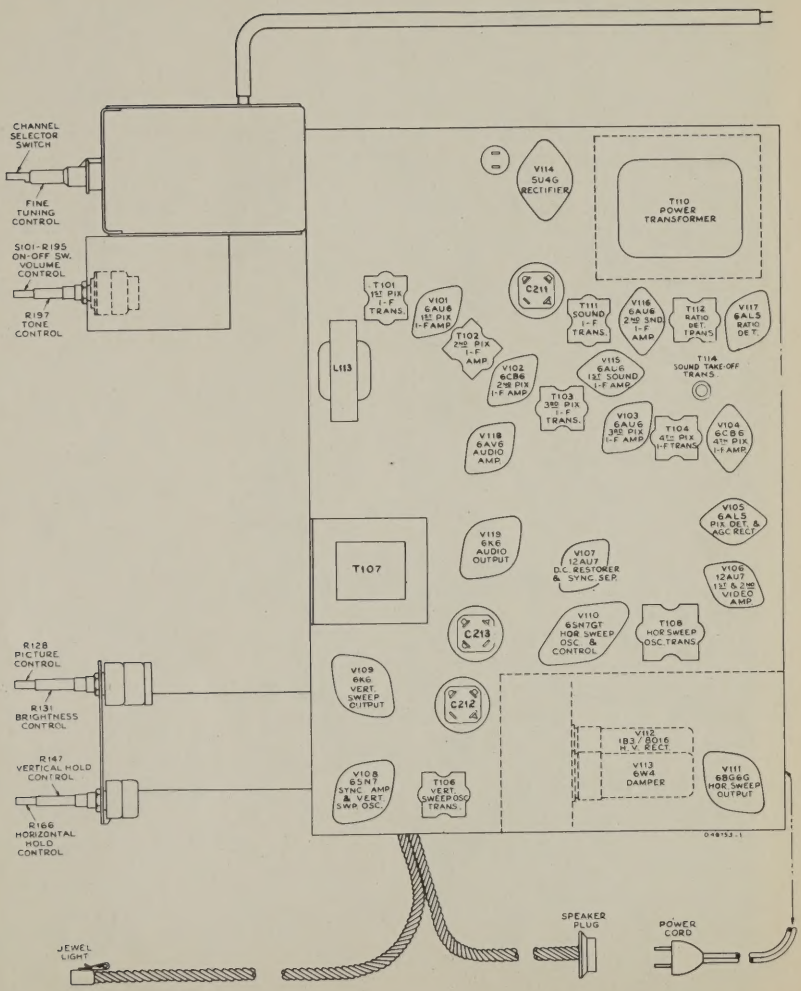
SECTION II

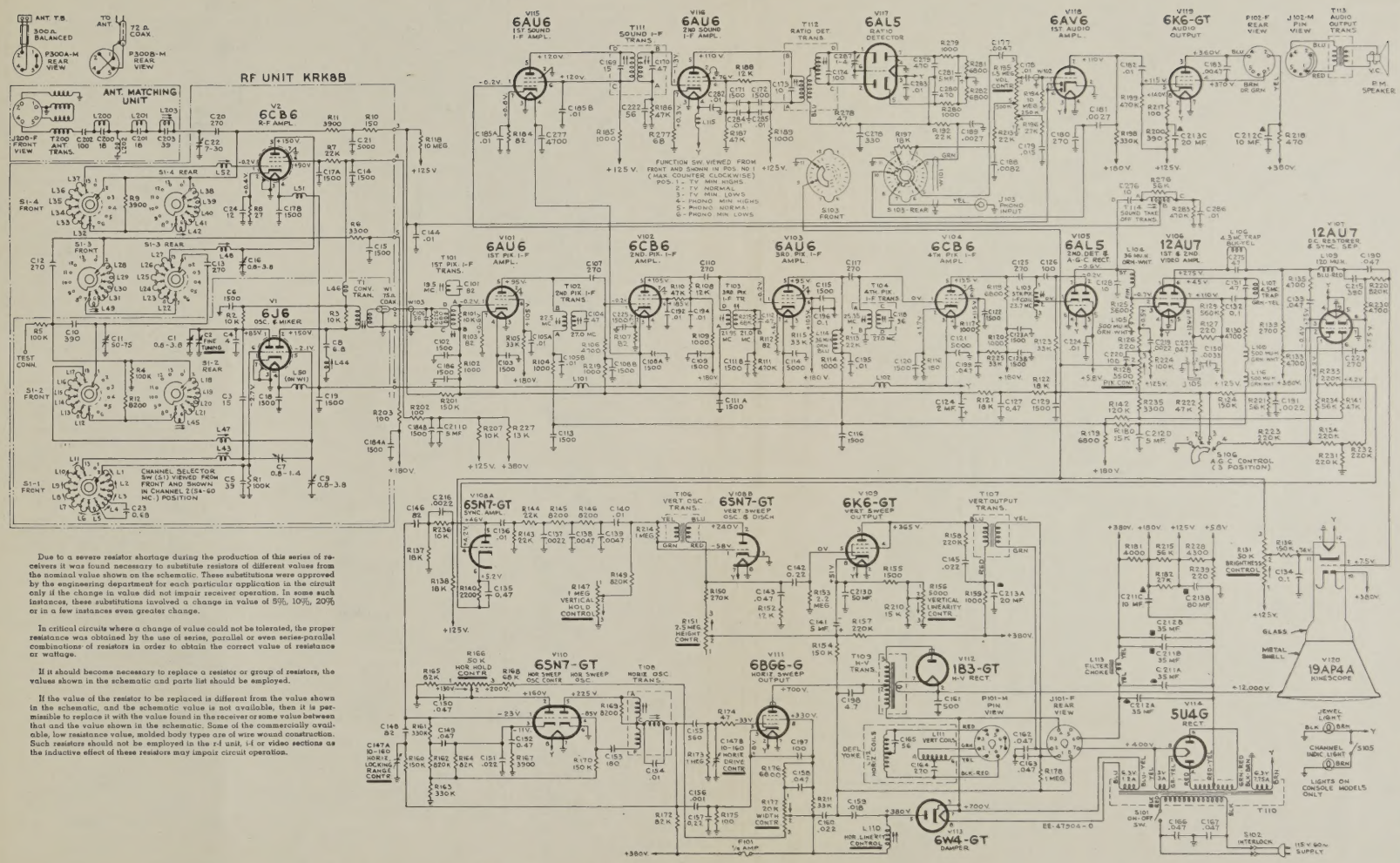
Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES 92580-4W RL 105C8 RMA 274 (For Model 9T105)
75023	Cap—Dust cap
75024	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil less plug and transformer
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92580-4F RMA 150 (For Model 9T105)
76120	Cone—Cone complete with voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES 92569-11W RL 111A2 RMA 274 (For Models 9T126, 9T128)
13867	Cap—Dust cap
75082	Cone—Cone complete with voice coil (3.2 ohms)
5039	Connector—4 contact male connector
74974	Speaker—12" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-11B (For Models 9T126, 9T128)
75875	Cone—Cone and voice coil assembly (3.2 ohms)
	SPEAKER ASSEMBLIES 92569-11R RMA 285 (For Models 9T126, 9T128)
76121	Cone—Cone and voice coil assembly (3.2 ohms)
	NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76192	Back—Cabinet back complete with power cord and terminal board for Model 9T105
76194	Back—Cabinet back complete with power cord and terminal board for Models 9T126 and 9T128
76184	Board—"Antenna" terminal board
75188	Board—Terminal board, 5 contact and ground

Continued on page 137, column 6


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
C211
V117 6AL5 RATIO DET.
T112 RATIO DET. TRANS.
V116 6AU6 2ND SND I-F AMP.
T111 SOUND I-F TRANS.
T114 SOUND TAKE-OFF TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T102
V101 6AU6 1ST PIX I-F AMP.
T101
1ST PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
2ND PIX I-F TRANS.
T103
3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V113 6K6 AUDIO OUTPUT
T105 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
V112 1B3/8016 H.V. RECT.
V111 6BG6G HOR. SWEEP OUTPUT
V113 6W4 DAMPER
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP & VERT. SWP. OSC.
V2 6CB6 R.F. AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOL. CONTROL
R197 TONE CONTROL
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
048732-1
POWER CORD
SPEAKER PLUG
JEWEL LIGHT


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SW. VOLUME CONTROL
R197 TONE CONTROL
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
JEWEL LIGHT
SPEAKER PLUG
POWER CORD
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
C211
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F AMP.
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
T111 SOUND I-F TRANS.
V116 6AU6 2ND SND I-F AMP.
T112 RATIO DET. TRANS.
V117 6AL5 RATIO DET.
T114 SOUND TAKE-OFF TRANS.
V115 6AL6 1ST SOUND I-F AMP.
L113
V118 6AV6 AUDIO AMP.
T107
V119 6K6 AUDIO OUTPUT
V105 6AL5 PIX DET. & AGC RECT.
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V109 6K6 VERT. SWEEP OUTPUT
C212
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
V108 6SN7 SYNC. AMP. & VERT. SWP. OSC.
T106 VERT. SWEEP OSC. TRANS.
0-48133-1


RF UNIT KRK8B
ANT. MATCHING UNIT
6CB6
R-F AMPL.
6J6
OSC. & MIXER
6AU6
1ST SOUND I-F AMPL.
6AU6
2ND SOUND I-F AMPL.
6AL5
RATIO DETECTOR
6AV6
1ST AUDIO AMPL.
6K6-GT
AUDIO OUTPUT
6AU6
2ND PIX. I-F AMPL.
6CB6
2ND PIX. I-F AMPL.
6AU6
3RD PIX. I-F AMPL.
6CB6
4TH PIX. I-F AMPL.
6AL5
2ND DET. & A-G-C RECT.
12AU6
1ST & 2ND VIDEO AMPL.
12AU7
D.C. RESTORER & SYNC SEP.
6SN7-GT
SYNC AMPL.
6SN7-GT
VERT. SWEEP OSC. & DISCH.
6K6-GT
VERT. SWEEP OUTPUT
1B3-GT
H-V RECT.
6SN7-GT
HOR. SWEEP OSC CONTR
6SN7-GT
HOR. SWEEP OSC CONTR
6BG6-G
HORIZ. SWEEP OUTPUT
6W4-GT
DAMPER
5U4G
RECT.
19AP4A
KINESCOPE
S1-1 FRONT
S1-2 REAR
S1-3 FRONT
S1-3 REAR
S1-4 FRONT
S1-4 REAR
CHANNEL SELECTOR SW (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC) POSITION
FUNCTION SW VIEWED FROM FRONT AND SHOWN IN POS. NO 1 (MAX COUNTER CLOCKWISE)
POS. 1 - TV MIN HIGHS
2 - TV NORMAL
3 - TV MIN LOWS
4 - PHONO MIN HIGHS
5 - PHONO NORMAL
6 - PHONO MIN LOWS
ANT TB
300Ω BALANCED
TO ANT.
72Ω COAX.
P300A-M REAR VIEW
P300B-M REAR VIEW
T200-F FRONT VIEW
T200 ANT. TRANS.
T111 SOUND I-F TRANS
T112 RATIO DET. TRANS
T101 1ST PIX. I-F TRANS.
T102 2ND PIX. I-F TRANS
T103 3RD PIX. I-F TRANS
T104 4TH PIX. I-F TRANS
T105 VIDEO OUTPUT TRANS.
T106 VERT. OSC. TRANS.
T107 VERT. OUTPUT TRANS.
T108 HORIZ. OSC. TRANS.
T110 POWER TRANS.
T113 AUDIO OUTPUT TRANS.
P103-F REAR VIEW
J102-M PIN VIEW
P.M. SPEAKER
J103 PHONO INPUT
S103 FRONT
S103 REAR
S104 A-G-C CONTROL (3 POSITION)
S105 CHANNEL INDIC. LIGHT
S101 ON-OFF SW
S102 INTERLOCK
J101-F REAR VIEW
P101-M PIN VIEW
L110 HOR. LINEARITY CONTROL
L111 VERT. COILS
L113 FILTER CHOKE
L114 4.5 MC TRAP
L115 4.5 MC TRAP
L116 SOUND TAKE OFF TRANS.
L117 4.5 MC TRAP
L118 4.5 MC TRAP
L119 4.5 MC TRAP
L120 4.5 MC TRAP
L121 4.5 MC TRAP
L122 4.5 MC TRAP
L123 4.5 MC TRAP
L124 4.5 MC TRAP
L125 4.5 MC TRAP
L126 4.5 MC TRAP

SECTION I

Parts With Circuit-Symbol Numbers

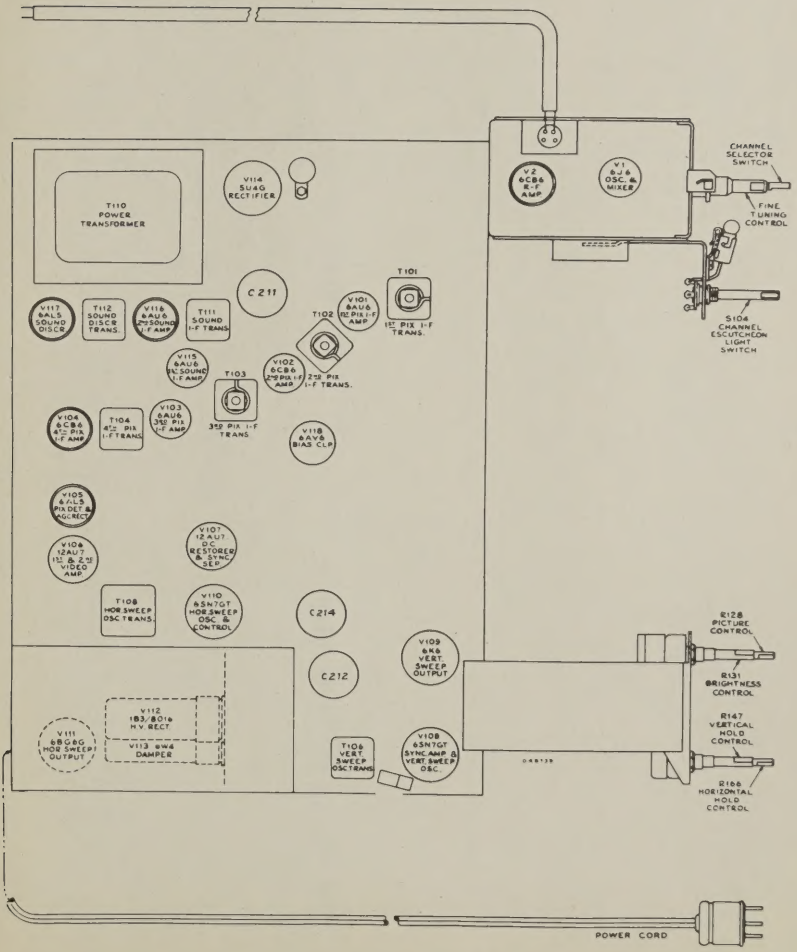
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable, 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	45465	Ceramic, 15 μμf
C4	75289	Ceramic, 4 μμf ±0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable, 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75199	Ceramic, 270 μμf
C13	75199	Ceramic, 270 μμf
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf
C21	73473	Ceramic, 5000 μμf
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T101
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71924	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 5000 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	45469	Ceramic, 100 μμf
C121	73473	Ceramic, 5000 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, 0.47 μf - 200 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf, 20,000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C168	73748	Ceramic, 1500 μμf
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C175		See T112
C176	75244	Ceramic, 270 μμf
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	73960	Ceramic, 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C187	73473	Ceramic, 5000 μμf
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	75646	Ceramic, 47 μμf, 5000 volts
C199	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202	75437	Ceramic, 100 μμf. See T200
C203	75450	Ceramic, 39 μμf. See T200, L203
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C214	75592	Electrolytic (Sec. A, B, C) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73091	Mica, 270 μμf
C216	73595	Mica, 390 μμf
C219	73598	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C220	39396	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C221	73553	Ceramic, 100 μμf
C222	39396	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C223	73093	Ceramic, 220 μμf
C224	73960	Ceramic, 10,000 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors, and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator complete with rotor, coils, capacitor, and resistor; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors, and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	71793	Peaking coil
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165, P101
L112		See L111
L113	76284	Filter reactor
L114	76285	Peaking coil L114, R119
L200	75242	IF trap incl. L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P103	75703	5 contact male connector less shell for television power cord
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503233	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	14250	8200 ohms, ±5%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	30866	12,000 ohms, 5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R113	503218	1800 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119		See L114
R120	513268	6800 ohms, ±10%, 1 watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	150,000 ohms, ±20%, ½ watt
R125	30734	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128, R131
R129	503456	560,000 ohms, ±10%, ½ watt
R130	30494	4700 ohms, ±5%, ½ watt
R131		See R128
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	504415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148	70249	3.9 megohms, ±5%, ½ watt
R149	30162	1.2 megohms, ±5%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	71440	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503532	2.2 megohms, ±10%, ½ watt
R154	504415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	71441	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	504415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	38892	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	14250	8200 ohms, ±5%, ½ watt
R170	31895	150,000 ohms, ±5%, 1 watt
R171	503510	10,000 ohms, ±10%, ½ watt
R172	52609	82,000 ohms, ±5%, 1 watt
R173	503510	1 megohm, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound, 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503322	22,000 ohms, ±10%, ½ watt
R187	513312	12,000 ohms, ±10%, 1 watt
R189	504210	1000 ohms, ±20%, ½ watt
R190	3252	100,000 ohms, ±5%, ½ watt
R191	3252	100,000 ohms, ±5%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R193	72067	Wire wound, 5.1 ohms, ½ watt
R201	504415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
R212	75593	Wire wound, 8000 ohms, 10 watts
R214	504510	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	503482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	503333	33,000 ohms, ±10%, ½ watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76065	Wire wound, 13,000 ohms, 5 watts
R228	76066	Wire wound, 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound, 220 ohms, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S104	75594	Channel indicator lamp switch
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	Converter transformer
T101	75589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T105	71778	Sound trap T105, C119
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75585	Horizontal output transformer
T110	75508	Power transformer, 117 volt, 60 cycle
T111	71424	Sound IF transformer T111, C169, C170
T112	75212	Sound discriminator transformer incl. T112, C173, C174, C175
T200	75509	Antenna matching transformer complete with antenna connector IF and FM traps and shunt coil T200, C200, C201, C202, C203, T200, L200, L201, L202, L203
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohms coax cable (7¼") complete with coil W1, L50

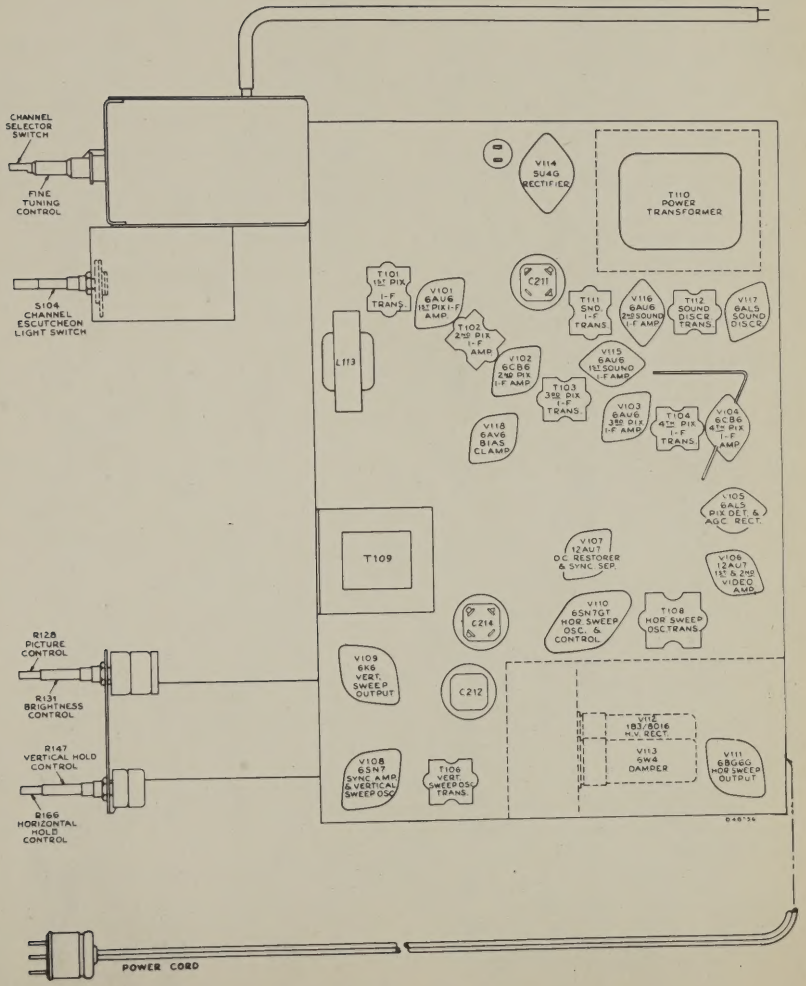
SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLIES
	92569-12W
	EMA 274
	RL 111-A1
13867	Cap—Dust cap
75682	Cone—Cone complete with voice coil (3.2 ohms)
75681	Speaker—12" P.M. speaker complete with cone and voice coil assembly (3.2 ohms) NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76199	Back—Back cover complete with terminal board and power cord for television chassis
76184	Board—Television antenna terminal board (2 contact)
75188	Board—Terminal board, 5 contact and ground
75515	Bracket—Channel indicator lamp bracket
75228	Bracket—Focus magnet mounting bracket—lower
75229	Bracket—Focus magnet mounting bracket—upper
71599	Bracket—Pilot lamp bracket
75524	Bracket—Suspension bracket for deflection yoke and focus magnet support assembly
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for door
75167	Clip—Tubular clip for mounting stand-off capacitors
X3188	Cloth—Grille cloth
30868	Connector—2 contact female connector for main cable
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for television antenna cable
75710	Connector—5 contact female connector less shell for main cable
75709	Connector—8 contact female connector less shell for main cable
75474	Connector—Single contact male connector for speaker or for television antenna cable (2 required)
75517	Contact—Anode connector contact only
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
70392	Cord—Power cord and plug
75702	Cord—Television power cord complete with two (2) contact female connector less five (5) contact male connector
75608	Cushion—Dust seal cushion
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75640	Decal—Television controls function decal
74273	Decal—Trade mark decal (Victrola)
71984	Decal—Trade mark decal (RCA Victor)
75162	Detent—Escutcheon stem and fibre shaft
74809	Emblem—"RCA Victor" emblem
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
75619	Glass—Safety glass
74838	Grommet—Cord strain relief (1 set)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet for mounting ceramic, tube socket (2 required)
37396	Grommet—Rubber grommet to mount speaker (6 required)
74308	Hinge—Cabinet door hinge (1 set) for television compartment (LH door)
36817	Hinge—Cabinet door hinge (1 set) for television compartment (RH door)
75636	Hinge—Cabinet door hinge (1 set) for speaker compartment—RH
75637	Hinge—Cabinet door hinge (1 set) for speaker compartment—LH
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
75714	Knob—Function switch knob—maroon—for mahogany or walnut instruments
74959	Knob—Television fine tuning control knob—maroon—for mahogany or walnut instruments (outer)
73996	Knob—Television channel selector knob—maroon—for mahogany or walnut instruments (inner)
74962	Knob—Television brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
74969	Knob—Television channel marker escutcheon light switch knob—maroon—for mahogany or walnut instruments
74963	Knob—Television picture control or horizontal hold control knob—maroon—for mahogany or walnut instruments (inner)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
76168	Magnet—Focus magnet complete with adjustable plate and stud
76322	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments
75620	Mask—Kinescope masking panel
73634	Nut—Speed nut for speaker mounting screws
76135	Plate—Front plate and shaft bearing
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket

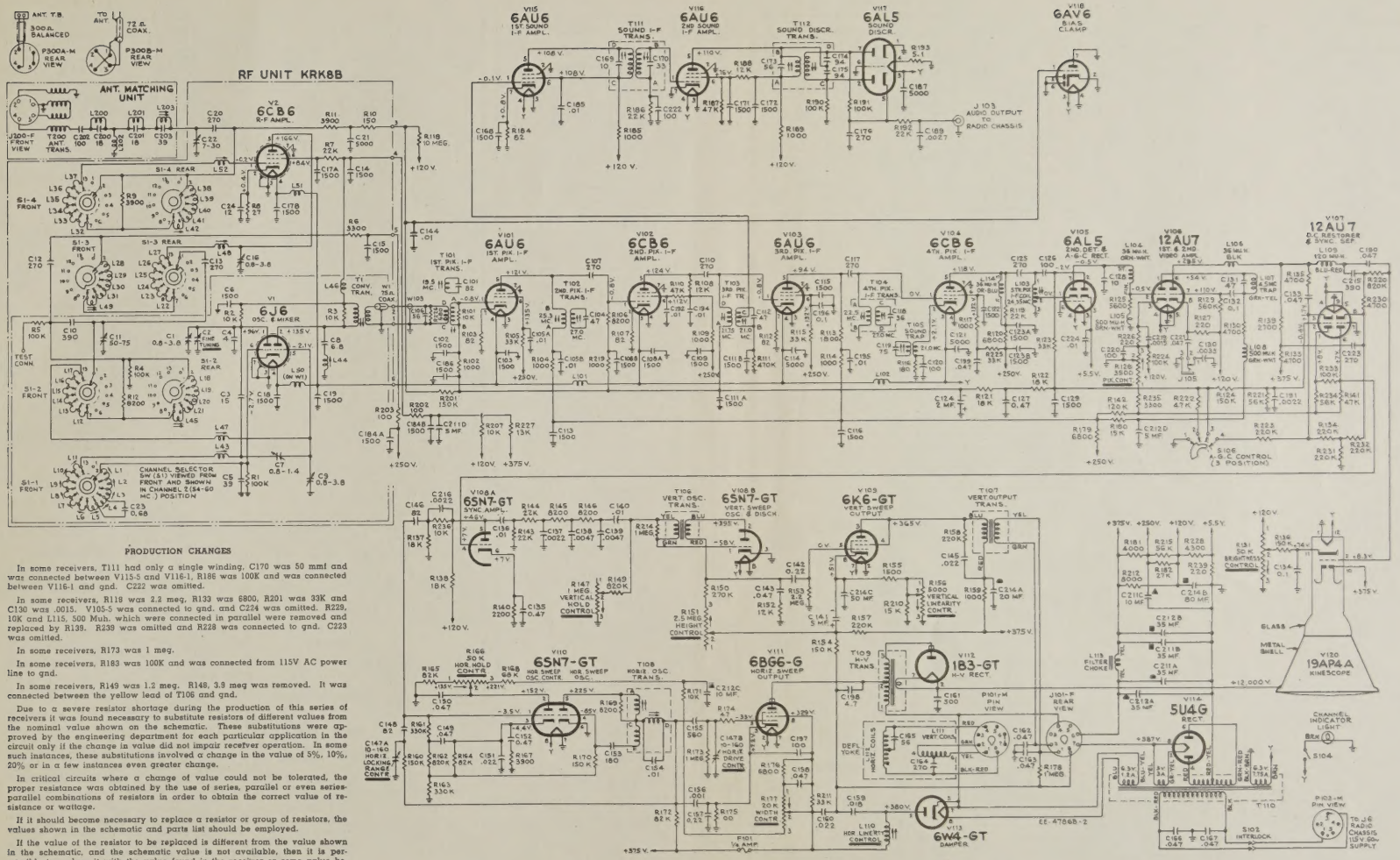
Continued on page 138, column 3


T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
C211
V117 6AL5 SOUND DISCR
T112 SOUND DISCR TRANS
V116 6AU6 2ND SOUND I-F AMP
T111 SOUND I-F TRANS
V115 6AU6 1ST SOUND I-F AMP
V101 6AU6 1ST PIX I-F AMP
T101 1ST PIX I-F TRANS
T102
V102 6CB6 2ND PIX I-F AMP
2ND PIX I-F TRANS
T103
3RD PIX I-F TRANS
V103 6AU6 3RD PIX I-F AMP
T104 4TH PIX I-F TRANS
V104 6CB6 4TH PIX I-F AMP
V118 6AV6 BIAS CLP
V105 6AL5 PIX DET & AGC RECT
V106 12AU7 1ST & 2ND VIDEO AMP
V107 12AU7 D.C. RESTORER & SYNC SEP
T108 HOR SWEEP OSC TRANS
V110 6SN7GT HOR SWEEP OSC & CONTROL
C214
C212
V109 6V6 VERT SWEEP OUTPUT
V112 1B3/8016 H.V. RECT
V111 6BQ6G HOR SWEEP OUTPUT
V113 6W4 DAMPER
T106 VERT SWEEP OSC TRANS
V108 6SN7GT SYNC AMP & VERT SWEEP OSC
V2 6CB6 R-F AMP
V1 6J6 OSC & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
POWER CORD


CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S104 CHANNEL ESCUTCHEON LIGHT SWITCH
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
POWER CORD
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
T102 2ND PIX I-F AMP.
L113
V102 6CB6 2ND PIX I-F AMP.
T103 3RD PIX I-F TRANS.
V118 6AV6 BIAS CLAMP
C211
T111 SND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T112 SOUND DISCR TRANS.
V117 6AL5 SOUND DISCR.
V119 6AU6 1ST SOUND I-F AMP.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V104 6CB6 4TH PIX I-F AMP.
V105 6AL5 PIX DET & AGC RECT.
T109
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
C214
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
V109 6K6 VERT. SWEEP OUTPUT
C212
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
V108 6SN7 SYNC. AMP. & VERTICAL SWEEP OSC.
T106 VERT. SWEEP OSC. TRANS.

Circuit Diagram for Chassis Number KCS60A

Model
9T147
Sedgwick


ANT. T.B.
300Ω BALANCED
TO ANT.
72Ω COAX.
P300A-M REAR VIEW
P300B-M REAR VIEW
RF UNIT KRK8B
ANT. MATCHING UNIT
J200-F FRONT VIEW
T200 ANT. TRANS.
V2 6CB6 R-F AMPL.
V115 6AU6 1ST SOUND I-F AMPL.
T111 SOUND I-F TRANS.
V116 6AU6 2ND SOUND I-F AMPL.
T112 SOUND DISCR. TRANS.
V117 6AL5 SOUND DISCR.
V118 6AV6 BIAS CLAMP
J 103 AUDIO OUTPUT TO RADIO CHASSIS
V101 6AU6 1ST PIX. I-F AMPL.
T101 1ST PIX. I-F TRANS.
V102 6CB6 2ND PIX. I-F AMPL.
T102 2ND PIX. I-F TRANS.
T103 3RD PIX I-F TR
V103 6AU6 3RD PIX I-F AMPL.
T104 4TH PIX. I-F TRANS.
V104 6CB6 4TH PIX. I-F AMPL.
V105 6AL5 2ND DET & A.G.C. RECT.
V106 12AU7 1ST & 2ND VIDEO AMPL.
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V1 6J6 OSC. & MIXER
Y1 CONV. TRAN. 15.4 MC
CHANNEL SELECTOR SW. (S1) VIEWED FROM FRONT AND SHOWN IN CHANNEL 2 (54-60 MC.) POSITION
V108A 6SN7-GT SYNC AMPL.
V108B 6SN7-GT VERT. SWEEP OSC. & DISCH.
T106 VERT. OSC. TRANS.
V109 6K6-GT VERT. SWEEP OUTPUT
T107 VERT. OUTPUT TRANS.
V110 6SN7-GT HOR. SWEEP OSC. CONTR.
T108 HOR. OSC. TRANS.
V111 6BG6-G HOR. SWEEP OUTPUT
V112 1B3-GT H-V RECT.
T109 H-V TRANS
V114 5U4G RECT.
V113 6W4-GT DAMPER
V120 19AP4A KINESCOPE
J101-F REAR VIEW
P101-M PIN VIEW
P103-M PIN VIEW
TO J-6 RADIO CHASSIS 115 V. 60~ SUPPLY
S102 INTERLOCK
S104
S106 A.G.C. CONTROL (3 POSITIONS)
PIX CONT.
BRIGHTNESS CONTROL
VERT. LINEARITY CONTR.
VERT. HOLD CONTROL
HEIGHT CONTROL
HOR. HOLD CONTR.
HOR. LINEARITY CONTROL
HOR. WIDTH CONTR.
HOR. DRIVE CONTR.
HOR. LOCKING RANGE CONTR.
CHANNEL INDICATOR LIGHT
FILTER CHOKE
DEFL. YOKE
VERT. COILS
HORIZ. COILS
GLASS
METAL SHELL
EE-47868-2

PRODUCTION CHANGES

In some receivers, T111 had only a single winding. C170 was 50 mmf and was connected between V115-5 and V116-1, R186 was 100K and was connected between V116-1 and gnd. C222 was omitted.

In some receivers, R118 was 2.2 meg, R133 was 6800, R201 was 33K and C130 was .0015. V105-5 was connected to gnd. and C224 was omitted. R229, 10K and L115, 500 Muh. which were connected in parallel were removed and replaced by R139. R239 was omitted and R228 was connected to gnd. C223 was omitted.

In some receivers, R173 was 1 meg.

In some receivers, R183 was 100K and was connected from 115V AC power line to gnd.

In some receivers, R149 was 1.2 meg. R148, 3.9 meg was removed. It was connected between the yellow lead of T106 and gnd.

Due to a severe resistor shortage during the production of this series of receivers it was found necessary to substitute resistors of different values from the nominal value shown on the schematic. These substitutions were approved by the engineering department for each particular application in the circuit only if the change in value did not impair receiver operation. In some such instances, these substitutions involved a change in the value of 5%, 10%, 20% or in a few instances even greater change.

In critical circuits where a change of value could not be tolerated, the proper resistance was obtained by the use of series, parallel or even series-parallel combinations of resistors in order to obtain the correct value of resistance or wattage.

If it should become necessary to replace a resistor or group of resistors, the values shown in the schematic and parts list should be employed.

If the value of the resistor to be replaced is different from the value shown in the schematic, and the schematic value is not available, then it is permissible to replace it with the value found in the receiver or some value between that and the value shown in the schematic. Some of the commercially available, low resistance value, molded body types are of wire wound construction. Such resistors should not be employed in the I-F unit, I-F or video sections as the inductive affect of these resistors may impair circuit operation.

Chassis Number
KCS 60 A

SECTION I

Parts With Circuit-Symbol Numbers

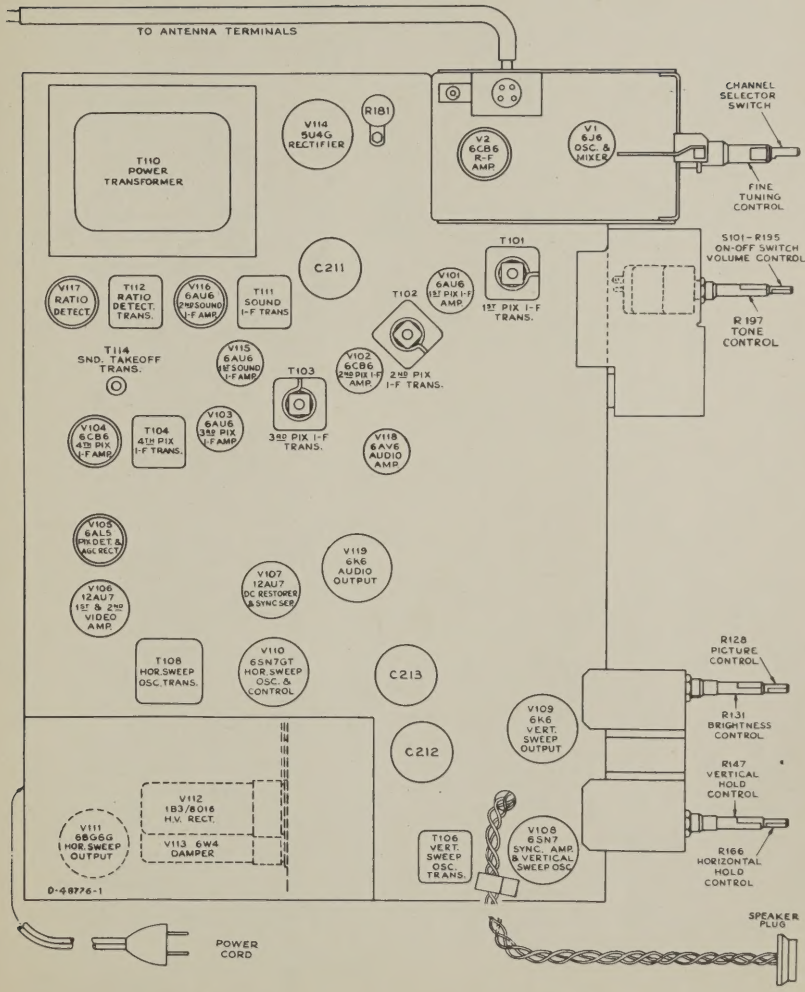
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning plunger type
C3	45465	Ceramic, 15 μμf, See L1
C4	75289	Ceramic, 4 μμf ± 0.5 μμf
C5	75196	Ceramic, 39 μμf
C6	75166	Ceramic, 1500 μμf
C7	75172	Tubular, steatite, adjustable 0.65-1.2 μμf
C8	75197	Ceramic, 6.8 μμf
C9		See L47
C10	75641	Ceramic, 390 μμf, See L12
C11	75174	Ceramic, trimmer, 50-75 μμf
C12	75194	Ceramic, 270 μμf, See L12
C13	75199	Ceramic, 270 μμf, See L22
C14	75166	Ceramic, 1500 μμf
C15	75166	Ceramic, 1500 μμf
C16		See L48
C17	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C18	73748	Ceramic, 1500 μμf
C19	75166	Ceramic, 1500 μμf
C20	75199	Ceramic, 270 μμf, See L32
C21	73473	Ceramic, 5000 μμf, See L32
C22	75189	Adjustable, 7-30 μμf
C23	71504	Ceramic, 0.68 μμf, See L1
C24	75200	Ceramic, 12 μμf
C101		See T101
C102	73748	Ceramic, 1500 μμf
C103	73748	Ceramic, 1500 μμf
C104		See T102
C105	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C106	71294	Ceramic, 56 μμf
C107	73091	Mica, 270 μμf
C108	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C109	73748	Ceramic, 1500 μμf
C110	73091	Mica, 270 μμf
C111	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C112		See T103
C113	73748	Ceramic, 1500 μμf
C114	73473	Ceramic, 4700 μμf
C115	73748	Ceramic, 1500 μμf
C116	73748	Ceramic, 1500 μμf
C117	73091	Mica, 270 μμf
C118		See T104
C119		See T105
C120	73748	Ceramic, 1500 μμf
C121	73473	Ceramic, 4700 μμf
C122	73748	Ceramic, 1500 μμf
C123	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C124	73747	Electrolytic, 2 μf - 50 volts
C125	73091	Mica, 270 μμf
C126	39396	Ceramic, 100 μμf
C127	73787	Tubular, moulded paper, oil-impregnated, 0.47 μf - 400 volts
C128	53511	Ceramic, 10 μμf
C129	73748	Ceramic, 1500 μμf
C130	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C131		See L107
C132	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C133	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C134	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C135	73787	Tubular, moulded paper, oil-impregnated, 0.47 μf - 400 volts
C136	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C137	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C138	73920	Tubular, paper, oil-impregnated, .005 μf - 600 volts
C139	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C140	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C141	28417	Electrolytic, 5 μf - 450 volts
C142	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C143	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C144	73960	Ceramic, 10,000 μμf
C145	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C146	73090	Mica, 82 μμf
C147	75217	Mica trimmer, dual (Sec. A, B) 10-160 μμf
C148	73090	Mica, 82 μμf
C149	73553	Tubular, moulded paper, oil-impregnated, .047 μf - 400 volts
C150	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C151	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C152	73787	Tubular, moulded paper, oil-impregnated, 0.47 μf - 400 volts
C153	73102	Mica, 180 μμf
C154	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C155	74250	Mica, 560 μμf
C156	75643	Tubular, moulded paper, oil-impregnated, .001 μf - 1000 volts
C157	73794	Tubular, paper, oil-impregnated, 0.22 μf - 400 volts
C158	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C159	74727	Tubular, paper, oil-impregnated, .018 μf - 1000 volts
C160	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C161	74947	Ceramic, 500 μμf - 20,000 volts
C162	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C163	73597	Tubular, moulded paper, oil-impregnated, .047 μf - 1000 volts
C164		See L111
C165		See L111
C166	75071	Tubular, moulded paper, .047 μf - 400 volts
C167	75071	Tubular, moulded paper, .047 μf - 400 volts
C169		See T111
C170		See T111
C171	75166	Ceramic, 1500 μμf (stand-off)
C172	75166	Ceramic, 1500 μμf (stand-off)
C173		See T112
C174		See T112
C175		See T112
C177	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C178	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C179	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C180	39368	Mica, 270 μμf
C181	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C182	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C183	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C184	75089	Ceramic, dual (Sec. A, B) 1500 μμf
C185	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C186	73748	Ceramic, 1500 μμf
C188	73808	Tubular, paper, oil-impregnated, .0082 μf - 1000 volts
C189	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C190	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C191	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C192	73960	Ceramic, 10,000 μμf
C194	73960	Ceramic, 10,000 μμf
C195	73960	Ceramic, 10,000 μμf
C196	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C197	39396	Ceramic, 100 μμf
C198	76009	Ceramic, 8.2 μμf
C199	73553	Tubular, moulded paper, oil-impregnated, .047 μf - 400 volts
C200		See T200, L200
C201		See T200, L200
C202		See T200
C203	75437	Ceramic, 100 μμf
		See T200, L203
C204	75450	Ceramic, 39 μμf
C211	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C212	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C213	75511	Electrolytic (Sec. A, B, C, D) comprising 1 section of 20 μf - 450 volts, 1 section of 80 μf - 200 volts, 1 section of 20 μf - 200 volts, and 1 section of 50 μf - 50 volts
C215	73094	Mica, 390 μμf
C216	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C219	73595	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C220	39396	Ceramic, 100 μμf
C221	73553	Tubular, moulded paper, oil-impregnated, .047 μf - 400 volts
C222	71294	Ceramic, .56 μμf
C223	76303	Ceramic, .270 μμf
C224	73960	Ceramic, 10,000 μμf
C225	73748	Ceramic, 1500 μμf
C267		See T114
C275		See L106
C277	73473	Ceramic, 4700 μμf
C278	76473	Mica, 330 μμf
C279	39644	Mica, 470 μμf
C280	39644	Mica, 470 μμf
C281	74521	Electrolytic, 5 μf - 50 volts
C282	73960	Ceramic, 10,000 μμf
C283	73960	Ceramic, 10,000 μμf
C284	73960	Ceramic, 10,000 μμf
C285	73960	Ceramic, 10,000 μμf
C286	73960	Ceramic, 10,000 μμf
		FUSE
F101	73600	.25 amp fuse, 250 volts
		CONNECTORS, JACK
J101	68592	8 contact female connector for deflection yoke leads
J102	5039	4 contact male connector
J103	35787	Phono input connector
J105	75482	Video jack
J200	38853	4 contact female connector for antenna transformer
		COILS
L1	75175	Oscillator section stator complete with rotor, segment, coils, adjusting screws, and capacitors; S1-1, C3, C23, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L43
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	75178	Converter stator complete with rotor, coils, capacitors and resistors; S1-2, C10, C12, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L45, R4, R5, R12
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	75179	RF amplifier stator, complete with rotor, coils, capacitor and resistors; S1-3, C13, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L49, R6
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	75180	Antenna stator complete with rotor, coils, capacitors and resistors; S1-4, C20, C21, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L52, R9, R10, R11
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42		See L32
L43		See L1
L44	75185	Converter plate loading coil
L45		See L12
L46	75202	Choke coil
L47	75182	Trimmer coil (tuner) incl. L47, C9
L48	75183	Trimmer coil (tuner) incl. L48, C16
L49		See L22
L50		See W1
L51	73477	Choke coil
L52		See L32
L101	73477	Choke coil
L102	73477	Choke coil
L103	75210	Fifth picture IF coil complete with adjustable core
L104	75299	Peaking coil
L105	75252	Peaking coil
L106	76704	4.3 mc trap L106, C275
L107	75251	4.5 mc trap L107, C131
L108	75252	Peaking coil
L109	75253	Peaking coil
L110	71449	Horizontal linearity coil
L111	74952	Deflection yoke incl. L111, L112, C164, C165, P101
L112		See L111
L113	73154	Filter choke
L114	76285	Peaking coil L114, R213
L115	73477	Choke coil
L116	75252	Peaking coil
L200	75242	IF trap L200, L201, C200, C201
L201		See L200
L202	75241	Antenna shunt coil
L203	75449	FM trap complete with adjustable core and stud L203, C203
		CONNECTORS
P101	35383	8 contact male connector part of deflection yoke
P102	5040	4 contact female connector for speaker cable
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R3	3078	10,000 ohms, ±5%, ½ watt
R4	504410	100,000 ohms, ±20%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	503253	3300 ohms, ±10%, ½ watt
R7	503322	22,000 ohms, ±10%, ½ watt
R8	503027	27 ohms, ±10%, ½ watt
R9	503239	3900 ohms, ±10%, ½ watt
R10	504115	150 ohms, ±20%, ½ watt
R11	503239	3900 ohms, ±10%, ½ watt
R12	503282	8200 ohms, ±10%, ½ watt
R101		See T101
R102	504210	1000 ohms, ±20%, ½ watt
R103	503082	82 ohms, ±10%, ½ watt
R104	504210	1000 ohms, ±20%, ½ watt
R105	503333	33,000 ohms, ±10%, ½ watt
R106	502247	4700 ohms, ±5%, ½ watt
R107	503082	82 ohms, ±10%, ½ watt
R108	512312	12,000 ohms, ±5%, 1 watt
R109	504210	1000 ohms, ±20%, ½ watt
R110	504347	47,000 ohms, ±20%, ½ watt
R111	503447	470,000 ohms, ±10%, ½ watt
R112	503082	82 ohms, ±10%, ½ watt
R114	504210	1000 ohms, ±20%, ½ watt
R115	503333	33,000 ohms, ±10%, ½ watt
R116	503118	180 ohms, ±10%, ½ watt
R117	504210	1000 ohms, ±20%, ½ watt
R118	503610	10 megohms, ±10%, ½ watt
R119	512269	6800 ohms, ±5%, 1 watt
R120	504210	1000 ohms, ±20%, ½ watt
R121	503318	18,000 ohms, ±10%, ½ watt
R122	503318	18,000 ohms, ±10%, ½ watt
R123	504333	33,000 ohms, ±20%, ½ watt
R124	504415	150,000 ohms, ±20%, ½ watt
R125	502256	5600 ohms, ±5%, ½ watt
R126	503122	220 ohms, ±10%, ½ watt
R127	503122	220 ohms, ±10%, ½ watt
R128	75216	Picture and brightness control R128, R131
R129	503456	560,000 ohms, ±10%, ½ watt
R130	502247	4700 ohms, ±5%, ½ watt
R131		See R128
R133	513247	4700 ohms, ±10%, 1 watt
R134	503422	220,000 ohms, ±10%, ½ watt
R135	503247	4700 ohms, ±10%, ½ watt
R136	503415	150,000 ohms, ±10%, ½ watt
R137	503318	18,000 ohms, ±10%, ½ watt
R138	513318	18,000 ohms, ±10%, 1 watt
R139	503227	2700 ohms, ±10%, ½ watt
R140	504222	2200 ohms, ±20%, ½ watt
R141	503347	47,000 ohms, ±10%, ½ watt
R142	503412	120,000 ohms, ±10%, ½ watt
R143	503322	22,000 ohms, ±10%, ½ watt
R144	503322	22,000 ohms, ±10%, ½ watt
R145	503282	8200 ohms, ±10%, ½ watt
R146	503282	8200 ohms, ±10%, ½ watt
R147	75215	Horizontal and vertical hold control R147, R166
R148	502539	3.9 megohms, ±5%, ½ watt
R149	30162	1.2 megohms, ±5%, ½ watt
R150	503427	270,000 ohms, ±10%, ½ watt
R151	76448	Height control
R152	30436	12,000 ohms, ±5%, ½ watt
R153	503522	2.2 megohms, ±10%, ½ watt
R154	503415	150,000 ohms, ±10%, ½ watt
R155	513215	1500 ohms, ±10%, 1 watt
R156	76701	Vertical linearity control
R157	503422	220,000 ohms, ±10%, ½ watt
R158	503422	220,000 ohms, ±10%, ½ watt
R159	504210	1000 ohms, ±20%, ½ watt
R160	503415	150,000 ohms, ±10%, ½ watt
R161	503433	330,000 ohms, ±10%, ½ watt
R162	503482	820,000 ohms, ±10%, ½ watt
R163	512433	330,000 ohms, ±5%, 1 watt
R164	513382	82,000 ohms, ±10%, 1 watt
R165	513382	82,000 ohms, ±10%, 1 watt
R166		See R147
R167	503239	3900 ohms, ±10%, ½ watt
R168	513368	68,000 ohms, ±10%, 1 watt
R169	502282	8200 ohms, ±5%, ½ watt
R170	512415	150,000 ohms, ±5%, 1 watt
R172	512382	82,000 ohms, ±5%, 1 watt
R173	503511	1 megohm, ±10%, ½ watt
R174	504047	47 ohms, ±20%, ½ watt
R175	523110	100 ohms, ±10%, 2 watts
R176	513268	6800 ohms, ±10%, 1 watt
R177	75516	Width control
R178	504510	1 megohm, ±20%, ½ watt
R179	523268	6800 ohms, ±10%, 2 watts
R180	513315	15,000 ohms, ±10%, 1 watt
R181	75512	Wire wound 4000 ohms, 10 watts
R182	523327	27,000 ohms, ±10%, 2 watts
R183	524410	100,000 ohms, ±20%, 2 watts
R184	503082	82 ohms, ±10%, ½ watt
R185	504210	1000 ohms, ±20%, ½ watt
R186	503347	47,000 ohms, ±10%, ½ watt
R187	503347	47,000 ohms, ±10%, ½ watt
R188	503312	12,000 ohms, ±10%, ½ watt
R189	504210	1000 ohms, ±20%, ½ watt
R192	504322	22,000 ohms, ±20%, ½ watt
R194	504610	10 megohms, ±20%, ½ watt
R195	75513	Tone control, volume control and power switch R195, R197, S101
R196	503327	27,000 ohms, ±10%, ½ watt
R197		See R195
R198	503433	330,000 ohms, ±10%, ½ watt
R199	504447	470,000 ohms, ±20%, ½ watt
R200	513139	390 ohms, ±10%, 1 watt
R201	503415	150,000 ohms, ±10%, ½ watt
R202	504110	100 ohms, ±20%, ½ watt
R203	504110	100 ohms, ±20%, ½ watt
R207	523310	10,000 ohms, ±10%, 2 watts
R210	503315	15,000 ohms, ±10%, ½ watt
R211	503333	33,000 ohms, ±10%, ½ watt
	503333	33,000 ohms, ±10%, ½ watt
R213	503322	22,000 ohms, ±10%, ½ watt. See L114
R214	504510	1 megohm, ±20%, ½ watt
R215	513356	56,000 ohms, ±10%, 1 watt
R217	503110	100 ohms, ±10%, ½ watt
R218	513147	470 ohms, ±10%, 1 watt
R219	504210	1000 ohms, ±20%, ½ watt
R220	503482	820,000 ohms, ±10%, ½ watt
R221	503356	56,000 ohms, ±10%, ½ watt
R222	503347	47,000 ohms, ±10%, ½ watt
R223	503422	220,000 ohms, ±10%, ½ watt
R224	503410	100,000 ohms, ±10%, ½ watt
R225	513356	56,000 ohms, ±10%, 1 watt
R226	503168	680 ohms, ±10%, ½ watt
R227	76065	Wire wound 13,000 ohms, 5 watts
R228	76066	Wire wound 4300 ohms, 5 watts
R230	503247	4700 ohms, ±10%, ½ watt
R231	503422	220,000 ohms, ±10%, ½ watt
R232	503422	220,000 ohms, ±10%, ½ watt
R233	503410	100,000 ohms, ±10%, ½ watt
R234	503356	56,000 ohms, ±10%, ½ watt
R235	503233	3300 ohms, ±10%, ½ watt
R236	503310	10,000 ohms, ±10%, ½ watt
R239	76304	Wire wound 220 ohms, ±10%, ½ watt
R275	502368	68,000 ohms, ±5%, ½ watt
R276		See T114
R277	34763	68 ohms, ±5%, ½ watt
R278	503047	47 ohms, ±10%, ½ watt
R279	502212	1200 ohms, ±5%, ½ watt
R280	502210	1000 ohms, ±5%, ½ watt
R281	14659	6800 ohms, ±5%, ½ watt
R282	14659	6800 ohms, ±5%, ½ watt
R283	503447	470,000 ohms, ±10%, ½ watt
		SWITCHES
S1-1		See L1
S1-2		See L12
S1-3		See L22
S1-4		See L32
S101		See R195
S103	33491	Phono switch
S106	76010	AGC switch
		TRANSFORMERS
T1	75181	IF converter transformer
T101	74589	First picture IF transformer incl. T101, C101, R101
T102	74590	Second picture IF transformer incl. T102, C104
T103	76264	Third picture IF transformer incl. T103, C112
T104	73574	Fourth picture IF transformer incl. T104, C118
T106	74144	Vertical oscillator transformer
T107	74950	Vertical output transformer
T108	75213	Horizontal oscillator transformer
T109	75519	High-voltage transformer
T110	75508	Power transformer 115 volt, 60 cycle
T111	76438	Sound IF transformer T111, C169, C170
T112	76702	Ratio detector transformer complete with adjustable cores T112, C173, C174
T114	76703	Sound take off transformer complete with adjustable coil T114, C276, R276
T200	75509	Antenna matching transformer complete with antenna connector, IF and FM traps, and antenna shunt coil T200, C200, C201, C202, C203, L200, L201, L202, L203, J200
	73591	Antenna matching coil (2 required) part of T200
		CABLE
W1	75201	75 ohm coax cable (7½") complete with coil W1, L50

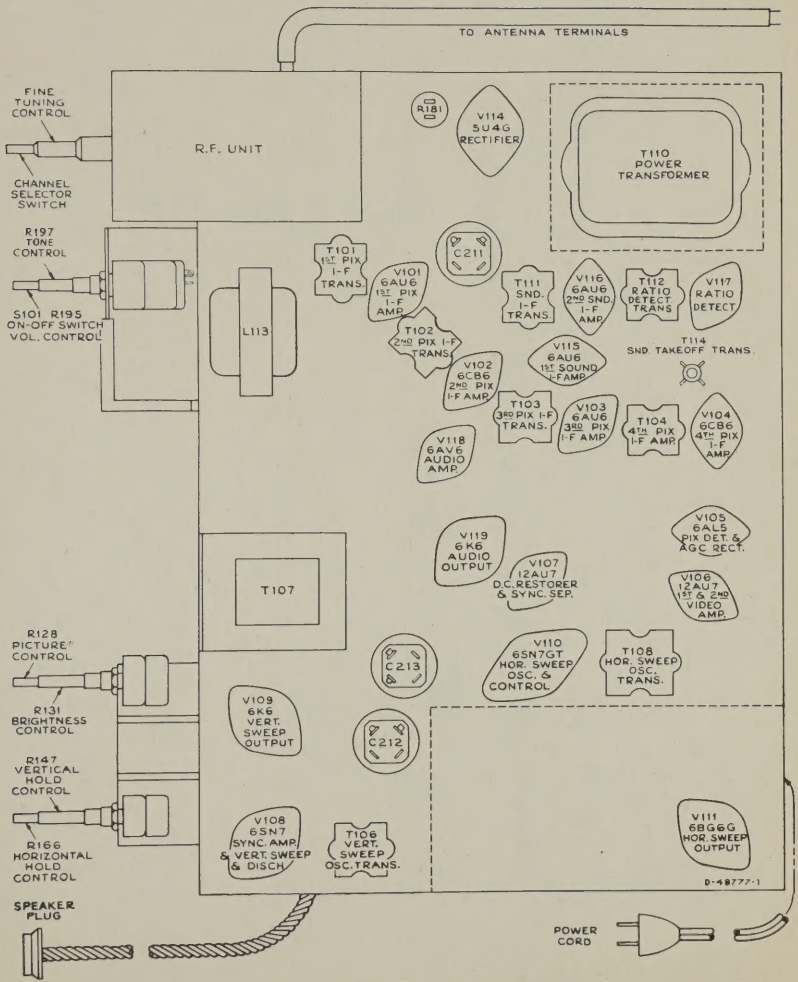
SECTION II

Parts Without Circuit-Symbol Numbers

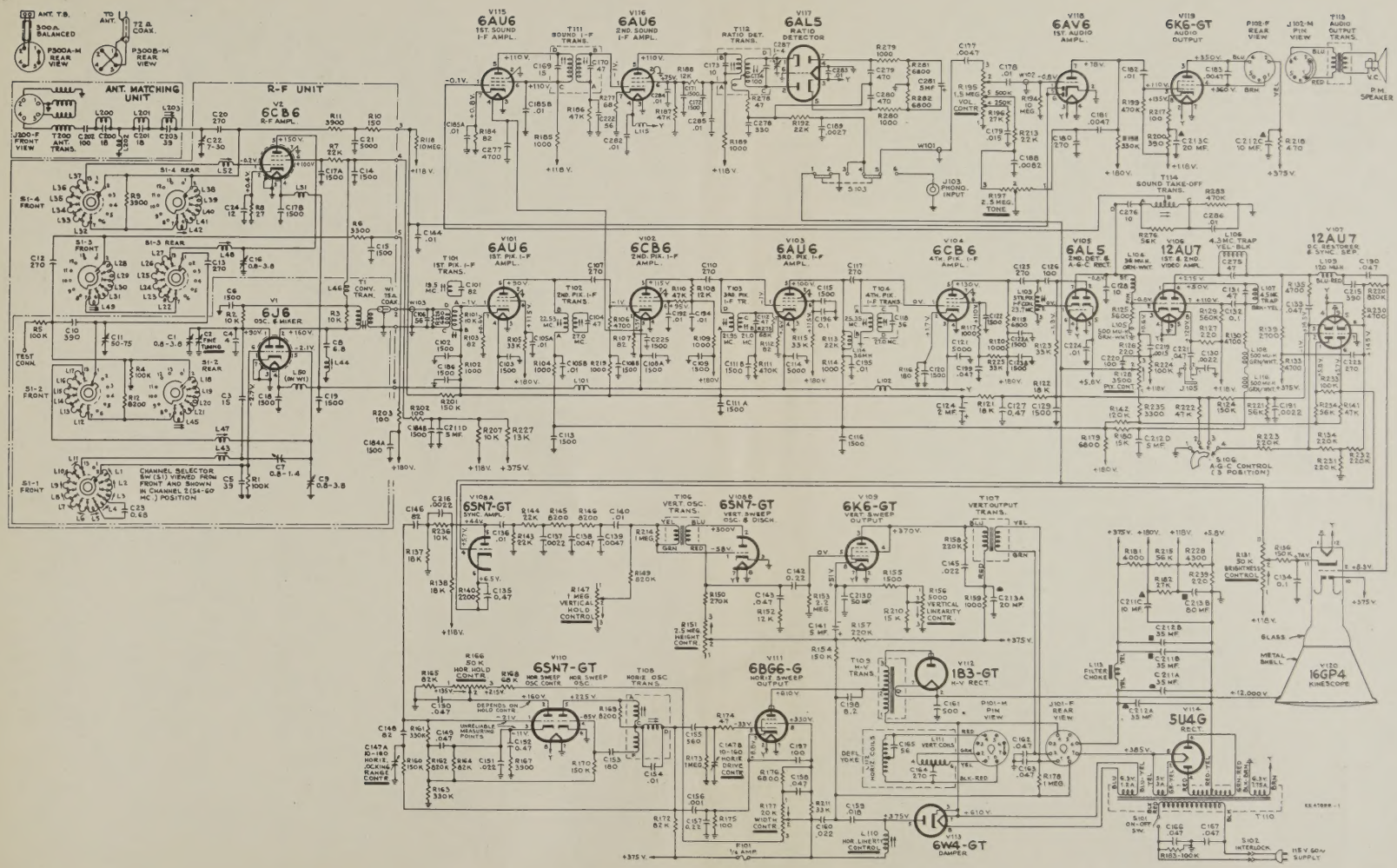
Stock No.	Description
	SPEAKER ASSEMBLIES **92580-4W** **RL105C10** **RMA 274**
75023	Cap—Dust cap
75024	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
75022	Speaker—8" P.M. speaker complete with cone and voice coil (3.2 ohms) less output transformer and plug
75520	Transformer—Output transformer NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	MISCELLANEOUS
76705	Back—Cabinet back complete with terminal board and power cord
76184	Board—"Ant" terminal board—two contact —part 76184
75188	Board—Terminal board, 5 contact and ground
76590	Bracket—Hanger bracket for deflection yoke hood assembly
75067	Bracket—Vertical bracket for holding oscillator tube shield
76143	Clip—Tubular clip for mounting stand-off capacitors C171, C172
75167	Clip—Tubular clip for mounting stand-off capacitors C6, C14, C15, C19
75474	Connector—Single contact male connector for antenna cable
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75517	Contact—Anode connector contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
76631	Cushion—Kinescope masking panel dust seal (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75532	Decal—Control panel function decal
76708	Decal—Decorative decal for cabinet (3 bar type)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75456	Escutcheon—Channel marker escutcheon
74839	Fastener—Push fastener for mounting ceramic tube socket
74889	Feet—Felt feet for cabinet (4 required)
73453	Form—Coil form for L45 and L49
76706	Glass—Safety glass
37396	Grommet—Rubber grommet for mounting ceramic tube socket
16058	Grommet—Rubber grommet for 2nd anode lead exit
76169	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly

Continued on page 138, column 4


TO ANTENNA TERMINALS
T110 POWER TRANSFORMER
V114 5U4G RECTIFIER
R181
V2 6CB6 R-F AMP.
V1 6J6 OSC. & MIXER
CHANNEL SELECTOR SWITCH
FINE TUNING CONTROL
S101-R195 ON-OFF SWITCH VOLUME CONTROL
R197 TONE CONTROL
C211
T101
V101 6AU6 1ST PIX I-F AMP.
1ST PIX I-F TRANS.
T102
2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
V117 RATIO DETECT.
T112 RATIO DETECT. TRANS.
V116 6AU6 2ND SOUND I-F AMP.
T111 SOUND I-F TRANS.
T114 SND. TAKEOFF TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T103
3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
T104 4TH PIX I-F TRANS.
V118 6AV6 AUDIO AMP.
V105 6AL5 PIX DET. & AGC RECT.
V106 12AU7 1ST & 2ND VIDEO AMP.
V107 12AU7 DC RESTORER & SYNC SEP.
V119 6K6 AUDIO OUTPUT
T108 HOR. SWEEP OSC. TRANS.
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
C213
C212
V109 6K6 VERT. SWEEP OUTPUT
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
R147 VERTICAL HOLD CONTROL
R166 HORIZONTAL HOLD CONTROL
V112 1B3/8016 H.V. RECT.
V113 6W4 DAMPER
V111 6BQ6G HOR. SWEEP OUTPUT
T106 VERT. SWEEP OSC. TRANS.
V108 6SN7 SYNC. AMP. & VERTICAL SWEEP OSC.
D-48776-1
POWER CORD
SPEAKER PLUG


TO ANTENNA TERMINALS
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
R.F. UNIT
R181
V114 5U4G RECTIFIER
T110 POWER TRANSFORMER
R197 TONE CONTROL
S101 R195 ON-OFF SWITCH VOL. CONTROL
L113
T101 1ST PIX I-F TRANS.
V101 6AU6 1ST PIX I-F AMP.
C211
T102 2ND PIX I-F TRANS.
V102 6CB6 2ND PIX I-F AMP.
T111 SND. I-F TRANS.
V116 6AU6 2ND SND. I-F AMP.
T112 RATIO DETECT. TRANS.
V117 RATIO DETECT.
T114 SND. TAKEOFF TRANS.
V115 6AU6 1ST SOUND I-F AMP.
T103 3RD PIX I-F TRANS.
V103 6AU6 3RD PIX I-F AMP.
T104 4TH PIX I-F AMP.
V104 6CB6 4TH PIX I-F AMP.
V118 6AV6 AUDIO AMP.
V119 6K6 AUDIO OUTPUT
V105 6AL5 PIX DET. & AGC RECT.
V107 12AU7 D.C. RESTORER & SYNC. SEP.
V106 12AU7 1ST & 2ND VIDEO AMP.
T107
R128 PICTURE CONTROL
R131 BRIGHTNESS CONTROL
C213
V110 6SN7GT HOR. SWEEP OSC. & CONTROL
T108 HOR. SWEEP OSC. TRANS.
R147 VERTICAL HOLD CONTROL
V109 6K6 VERT. SWEEP OUTPUT
C212
R166 HORIZONTAL HOLD CONTROL
V108 6SN7 SYNC. AMP. & VERT. SWEEP & DISCH.
T106 VERT. SWEEP OSC. TRANS.
V111 6BG6G HOR. SWEEP OUTPUT
D-49777-1
SPEAKER PLUG
POWER CORD

Model
16T152
Talbot



Chassis
Number
KCS47E

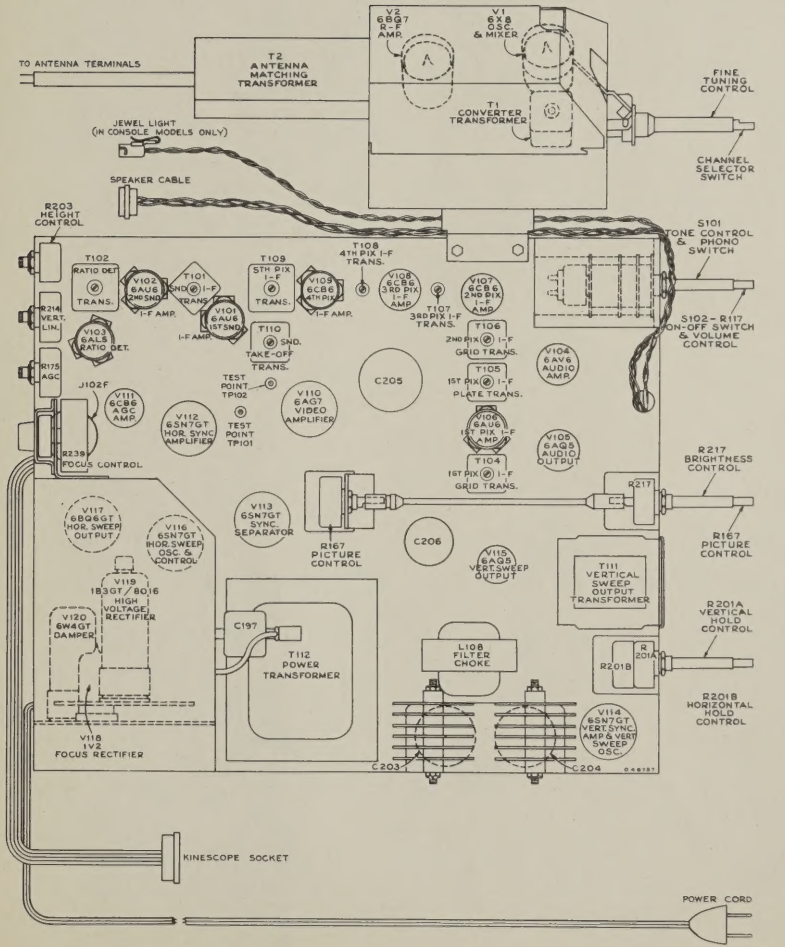
SECTION I

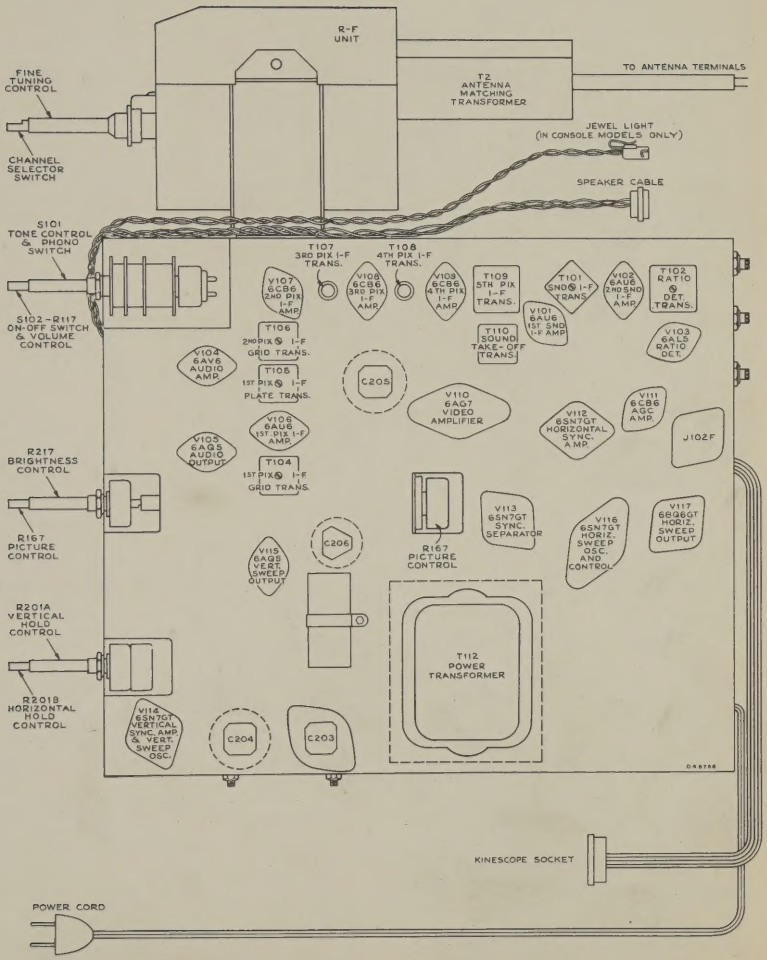
Parts With Circuit-Symbol Numbers

Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable .0.75-4 $\mu\mu f$ complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	55326	Ceramic, 10 $\mu\mu f$ (production marked "M1") See L1
	76550	Ceramic, 12 $\mu\mu f$ (early production) See L1
C5	76558	Ceramic, 22 $\mu\mu f$
C6	75610	Ceramic, 1500 $\mu\mu f$
C7	71088	Ceramic, 0.68 $\mu\mu f$. See L1
C8	76545	Tubular, steatite, adjustable, 0.8-2.25 $\mu\mu f$ (early production)
	76781	Tubular, steatite, adjustable, 0.8-2.25 $\mu\mu f$ (production marked "M1")
C9	75184	Ceramic, adjustable 0.75-4 $\mu\mu f$ complete with adjusting stud
C10	75198	Ceramic, 470 $\mu\mu f$ (production marked "M1") See L12
	76552	Ceramic, 330 $\mu\mu f$ (early production) See L12
C11	76527	Mica, trimmer, 55-80 $\mu\mu f$
C12	75199	Ceramic, 270 $\mu\mu f$. See L12
C13	75166	Ceramic, 1500 $\mu\mu f$ (stand-off)
C14	75199	Ceramic, 270 $\mu\mu f$
C15		See L49
C16	73748	Ceramic, 1500 $\mu\mu f$
C17	75166	Ceramic, 1500 $\mu\mu f$ (stand-off)
C18	76532	Adjustable, trimmer, steatite, 1-4 $\mu\mu f$
C19	76557	Ceramic, 22 $\mu\mu f$. See L22
C20	73748	Ceramic, 1500 $\mu\mu f$. See L22
C21	75166	Ceramic, 1500 $\mu\mu f$ (stand-off)
C22	75166	Ceramic, 1500 $\mu\mu f$ (stand-off)
C23	73748	Ceramic, 1500 $\mu\mu f$
C24	76739	Ceramic, 33 $\mu\mu f$. See T2
C25	70835	Ceramic, 27 $\mu\mu f$. See T2
C26	93056	Ceramic, 5 $\mu\mu f$. See T2
C27	54207	Ceramic, 18 $\mu\mu f$. See T2
C28	75166	Ceramic, 1500 $\mu\mu f$ (stand-off)
C29	76557	Ceramic, 22 $\mu\mu f$
C101	73960	Ceramic, 10,000 $\mu\mu f$
C102	75877	Ceramic, dual (Sec. A, B) 10,000 $\mu\mu f$
C103		See T101
C104		See T101
C105	71924	Ceramic, 56 $\mu\mu f$
C106	73960	Ceramic, 10,000 $\mu\mu f$
C107	75877	Ceramic, dual (Sec. A, B) 10,000 $\mu\mu f$
C108		See T102
C109		See T102
C110	76473	Mica, 68 $\mu\mu f$
C111	39644	Mica, 470 $\mu\mu f$
C112	39644	Mica, 470 $\mu\mu f$
C113	73595	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C114	73920	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C115	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C116	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C117	47617	Ceramic, 270 $\mu\mu f$
C118	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C119	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C120	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C121		See T104
C122	73473	Ceramic, 4700 $\mu\mu f$
C123	73473	Ceramic, 4700 $\mu\mu f$
C124	75742	Electrolytic, 2 μf - 10 Volts
C125	73473	Ceramic, 4700 $\mu\mu f$
C126	73473	Ceramic, 4700 $\mu\mu f$
C127	73473	Ceramic, 4700 $\mu\mu f$
C128	73473	Ceramic, 4700 $\mu\mu f$
C129	73473	Ceramic, 4700 $\mu\mu f$
C130		See T104
C131		See T105
C132	73473	Ceramic, 4700 $\mu\mu f$
C133		See T105
C134	73473	Ceramic, 4700 $\mu\mu f$
C135	76470	Ceramic, dual (Sec. A, B) 4700 $\mu\mu f$
C136	73473	Ceramic, 4700 $\mu\mu f$
C137		See L114
C138	75742	Electrolytic, 2 μf - 10 volts
C139	73960	Ceramic, 10,000 $\mu\mu f$
C140	73473	Ceramic, 4700 $\mu\mu f$
C141	76470	Ceramic, dual (Sec. A, B) 4700 $\mu\mu f$
C142	76470	Ceramic, dual (Sec. A, B) 4700 $\mu\mu f$
C143	75470	Ceramic, dual (Sec. A, B) 4700 $\mu\mu f$
C144	73473	Ceramic, 4700 $\mu\mu f$
C145		See T109
C146	75166	Ceramic, 1500 $\mu\mu f$ (stand-off)
C147		See T109
C148		See T110
C149	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C150	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C151	38868	Ceramic, 33 $\mu\mu f$
C153	73784	Tubular, paper, oil-impregnated, 0.1 μf - 200 volts
C154	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C155	73558	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C156	39396	Ceramic, 100 $\mu\mu f$
C157	76474	Mica, 82 $\mu\mu f$
C158	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C159	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C160	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C161	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C162	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C163	73595	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C164	73920	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C165	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C166	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C167	73094	Mica, 390 $\mu\mu f$
C168	73801	Tubular, paper, oil-impregnated, .001 μf - 1000 volts
C169	73784	Tubular, paper, oil-impregnated, 0.1 μf - 200 volts
C170	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C171	73596	Tubular, paper, oil-impregnated, .033 μf - 1000 volts
C172	73803	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C173	73595	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C174	73792	Tubular, paper, oil-impregnated, .068 μf - 400 volts
C175	73798	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C176	73564	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C177	76673	Ceramic, 220 volts
C178	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C179	75071	Tubular, moulded paper, .047 μf - 400 volts
C180	75071	Tubular, moulded paper, .047 μf - 400 volts
C181	75217	Mica, trimmer, dual (Sec. A, B) 10-160 volts
C182	76474	Mica, 68 $\mu\mu f$
C183	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C184	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C185	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C186	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C187	76476	Mica, 330 $\mu\mu f$
C188	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C189	76479	Tubular, moulded paper, oil-impregnated, .00068 μf - 600 volts
C190	76477	Mica, 820 $\mu\mu f$
C191	73786	Tubular, paper, oil-impregnated, 0.27 μf - 200 volts
C192	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C193	76384	Ceramic, 56 $\mu\mu f$, 7000 volts
C194	75250	Tubular, moulded paper, oil-impregnated, .00025 μf - 12,500 volts
C195	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C196	73811	Tubular, paper, oil-impregnated, .027 μf - 1000 volts
C197	76461	Ceramic, 500 $\mu\mu f$, 20,000 volts
C198	73960	Ceramic, 10,000 $\mu\mu f$
C199		See L109
C200	74521	Electrolytic, 5 μf - 50 volts
C201	28417	Electrolytic, 50 μf - 450 volts
C203	75520	Electrolytic, 150 μf - 200 volts
C204	75220	Electrolytic, 150 μf - 200 volts
C205	76451	Electrolytic (Sec. A, B, C, D) comprising 1 section of 100 μf - 350 volts, 2 sections of 10 μf - 350 volts, and 1 section of 20 μf - 50 volts
C206	75218	Electrolytic (Sec. A, B, C) comprising 1 section of 10 μf - 350 volts, 1 section of 5 μf - 350 volts, and 1 section of 150 μf - 50 volts
C207	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C211	76476	Mica, 330 $\mu\mu f$
C212	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C213	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C214	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C215	39396	Ceramic, 100 $\mu\mu f$
C216	73960	Ceramic, 10,000 $\mu\mu f$
C218	73091	Mica, 270 $\mu\mu f$
C219	31709	Ceramic, 10 $\mu\mu f$
C220	33383	Ceramic, 12 $\mu\mu f$
C222	75437	Ceramic, 100 $\mu\mu f$
C223	73552	Tubular, paper, oil-impregnated, .033 μf - 400 volts
C224	73473	Ceramic, 4700 $\mu\mu f$
C225	71514	Ceramic, 82 $\mu\mu f$
C226	76800	Adjustable, trimmer, steatite, 1-4 $\mu\mu f$
C227	31709	Ceramic, 10 $\mu\mu f$
		RECTIFIERS
CR101	76675	Picture detector crystal rectifier
		FUSE
F101	76801	0.25 amp slow blow fuse, 250 volt
		CONNECTORS, JACK
J101	5039	4 prong male plug for speaker
J102	50367	6 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J104	75482	Video jack
		COILS
L1	76546	Oscillator stator complete with rotor, coils, and capacitor; S1, C3, C7, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L46 (early production)
	76779	Oscillator stator complete with rotor, coils, and capacitor; S1, C3, C7, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L46 (production marked "M1")
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	76551	Converter stator complete with rotor, coils, capacitor, and resistors; S2, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L48, C10, C12, R4, R5, R6 (production marked "M1")
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	76553	RF plate stator complete with rotor, coils, capacitor, and resistor; S3, L22, L23, L34, L35, L26, L27, L28, L29, L30, L31, L50, C14, R7
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	76556	RF grid stator complete with rotor, coils, and resistors; S4, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L53, C19, R11, R12
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42	76554	Antenna stator complete with rotor, coils, capacitor, and resistor; S5, L42, L43, L44, L45, L55, C2
L43		See L42
L44		See L42
L45		See L42
L46		See L1
L47	76560	Channel 13 convertor coil (early production)
L48		See L12
L49	76529	Trimmer coil (tuner) incl. L49, C15
L50		See L22
L51	76562	RF amplifier coupling coil
L52	76561	Channel 13 RF grid strap
L53		See L32
L54		See L42
L55		See L42
L57	73477	Choke coil
L58	76540	FM trap complete with adjustable core
L59	76541	IF trap (45.75 mc) complete with core
L60	76542	IF trap (41.25 mc) complete with core
L61	76537	Shunt coil complete with adjustable core
L62	76538	Shunt coil complete with adjustable core
L63	76763	Filament choke coil
L64	76763	Filament choke coil
L65	76535	IF trap
L101	73477	Choke coil
L103	76646	Peaking coil L103, R188
L104	72619	Peaking coil L104, R261
L105	75252	Peaking coil
L106	76441	Width coil complete with adjustable core
L107	76442	Horizontal linearity coil complete with adjustable core
L108	76498	Filter choke
L109	76616	Deflection yoke complete with 6 contact male connector; L109, L110, L111, L112, C199, R243, R244, R262, P102
L110		See L109
L111		See L109
L112		See L109
L113	75252	Peaking coil
L114	76482	4.5 mc trap L114, C137
L115	76640	RF choke
		CONNECTORS
P101	5040	4 contact female connector for speaker cable
P102	75542	6 contact male connector part of deflection yoke
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R4	503233	3300 ohms, ±10%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	504410	100,000 ohms, ±20%, ½ watt
R7	504210	1000 ohms, ±20%, ½ watt
R8	504447	470,000 ohms, ±20%, ½ watt
R9	503047	47 ohms, ±10%, ½ watt
R10	503082	82 ohms, ±10%, ½ watt
R11	503233	3300 ohms, ±10%, ½ watt
R12	503233	3300 ohms, ±10%, ½ watt
R13	504115	150 ohms, ±20%, ½ watt
R14	504210	1000 ohms, ±20%, ½ watt
R101	13961	82 ohms, ±5%, ½ watt
R102	503327	27,000 ohms, ±10%, ½ watt
R103	504210	1000 ohms, ±20%, ½ watt
R104	504437	47,000 ohms, ±10%, ½ watt
R105	34763	68 ohms, ±5%, ½ watt
R106	503318	18,000 ohms, ±10%, ½ watt
R107	513356	56,000 ohms, ±10%, 1 watt
R108	504210	1000 ohms, ±20%, ½ watt
R109	30732	47 ohms, ±5%, ½ watt
R110	30731	1200 ohms, ±5%, ½ watt
R111	34766	1000 ohms, ±5%, ½ watt
R112	503339	39,000 ohms, ±10%, ½ watt
R113	503318	18,000 ohms, ±10%, ½ watt
R114	14659	6800 ohms, ±5%, ½ watt
R115	14659	6800 ohms, ±5%, ½ watt
R116	504610	10 megohms, ±20%, ½ watt
R117	76171	Volume control and power switch
R118	503322	22,000 ohms, ±10%, ½ watt
R119	503327	27,000 ohms, ±10%, ½ watt
R120	503433	330,000 ohms, ±10%, ½ watt
R121	504447	47,000 ohms, ±20%, ½ watt
R122	76465	Wire wound, 330 ohms, 1 watt
R123	76465	Wire wound, 330 ohms, 1 watt
R125	504210	1000 ohms, ±20%, ½ watt
R126	504110	100 ohms, ±20%, ½ watt
R127	30562	680,000 ohms, ±5%, ½ watt
R128	503368	68,000 ohms, ±10%, ½ watt
R129	503410	100,000 ohms, ±10%, ½ watt
R130	502110	10 megohms, ±10%, 2 watts
R131	76469	Wire wound, 2500 ohms, 10 watts
R132	513347	47,000 ohms, ±10%, 1 watt
R133	504110	100 ohms, ±20%, ½ watt
R135	503210	1000 ohms, ±10%, ½ watt
R136	504410	100,000 ohms, ±20%, ½ watt
R137	503210	1000 ohms, ±10%, ½ watt
R138	502056	56 ohms, ±5%, ½ watt
R139	513347	47,000 ohms, ±10%, 1 watt
R140	504210	1000 ohms, ±20%, ½ watt
R141	14659	6800 ohms, ±5%, ½ watt
R143	503268	68,000 ohms, ±10%, ½ watt
R144	8064	82,000 ohms, ±5%, ½ watt
R145	503415	150,000 ohms, ±10%, ½ watt
R146	34763	68 ohms, ±5%, ½ watt
R147	504247	4700 ohms, ±20%, ½ watt
R148	504210	1000 ohms, ±20%, ½ watt
R149	502356	56,000 ohms, ±5%, ½ watt
R150	513415	150,000 ohms, ±10%, 1 watt
R151	76390	Wire wound, 5600 ohms, 5 watts
R152	503118	180 ohms, ±10%, ½ watt
R153	503210	1000 ohms, ±10%, ½ watt
R155	513268	6800 ohms, ±10%, 1 watt
R156	504210	1000 ohms, ±20%, ½ watt
R157	30694	3900 ohms, ±5%, ½ watt
R158	503268	6800 ohms, ±10%, ½ watt
R159	502043	43 ohms, ±5%, ½ watt
R160	503133	330 ohms, ±10%, ½ watt
R161	523318	18,000ohms, ±10%, 2 watts
R162	503247	4700 ohms, ±10%, ½ watt
R163	76638	Wire wound, 6000 ohms, 10 watts
R164	503256	5600 ohms, ±10%, ½ watt
R165	503282	8200 ohms, ±10%, ½ watt
R166	503556	5.6 megohms, ±10%, ½ watt
R167	76445	Picture control
R168	503222	2200 ohms, ±10%, ½ watt
R169	513336	33,000 ohms, ±10%, 1 watt
R170	504415	150,000 ohms, ±20%, ½ watt
R171	503512	1.2 megohms, ±10%, ½ watt
R172	504310	10,000 ohms, ±20%, ½ watt
R173	523315	15,000 ohms, ±10%, 2 watts
R174	503122	220 ohms, ±10%, ½ watt
R175	76447	AGC control
R176	503268	6800 ohms, ±10%, ½ watt
R177	504147	470 ohms, ±20%, ½ watt
R178	503312	12,000 ohms, ±10%, ½ watt
R179	503539	3.9 megohms, ±10%, ½ watt
R180	503210	1000 ohms, ±10%, ½ watt
R181	503312	12,000 ohms, ±10%, ½ watt
R182	504510	1 megohm, ±20%, ½ watt
R183	503212	1200 ohms, ±10%, ½ watt
R184	513327	27,000 ohms, ±10%, 1 watt
R185	503422	220,000 ohms, ±10%, ½ watt
R186	503415	150,000 ohms, ±10%, ½ watt
R187	503356	56,000 ohms, ±10%, ½ watt
R188	503547	4.7 megohms, ±10%, ½ watt
R189	503510	1 megohm, ±10%, ½ watt
R190	503412	120,000 ohms, ±10%, ½ watt
R191	503347	47,000 ohms, ±10%, ½ watt
R192	503515	1.5 megohms, ±10%, ½ watt
R193	503427	270,000 ohms, ±10%, ½ watt
R194	503339	39,000 ohms, ±10%, ½ watt
R195	503322	22,000 ohms, ±10%, ½ watt
R196	503282	8200 ohms, ±10%, ½ watt
R197	503282	8200 ohms, ±10%, ½ watt
R198	504368	68,000 ohms, ±20%, ½ watt
R199	503447	470,000 ohms, ±10%, ½ watt
R200	503482	820,000 ohms, ±10%, ½ watt
R201	76443	Horizontal and vertical hold control (Sec. A, B)
R202	503456	560,000 ohms, ±10%, ½ watt
R203	76446	Height control
R204	503482	820,000 ohms, ±10%, ½ watt
R205	504368	68,000 ohms, ±20%, ½ watt
R206	503410	100,000 ohms, ±10%, ½ watt
R207	504522	2.2 megohms, ±20%, ½ watt
R208	503310	10,000 ohms, ±10%, ½ watt
R209	30180	120,000 ohms, ±5%, ½ watt
R210	71989	22,000 ohms, ±5%, 1 watt
R211	71989	22,000 ohms, ±5%, 1 watt
R212	503282	8200 ohms, ±10%, ½ watt
R213	504522	2.2 megohms, ±20%, ½ watt
R214	76449	Vertical linearity control
R215	503147	470 ohms, ±10%, ½ watt
R217	504415	150,000 ohms, ±20%, ½ watt
R218	76444	Brightness control
R219	503422	220,000 ohms, ±10%, ½ watt
R220	503410	100,000 ohms, ±10%, ½ watt
R221	503415	150,000 ohms, ±10%, ½ watt
R222	503433	330,000 ohms, ±10%, ½ watt
R224	512433	330,000 ohms, ±5%, 1 watt
R225	513382	82,000 ohms, ±10%, 1 watt
R226	513368	68,000 ohms, ±10%, 1 watt
R227	513322	22,000 ohms, ±10%, 1 watt
R228	503239	3900 ohms, ±10%, ½ watt
R229	502282	8200 ohms, ±5%, ½ watt
R230	512415	150,000 ohms, ±5%, 1 watt
R231	512382	82,000 ohms, ±5%, 1 watt
R232	503447	470,000 ohms, ±10%, ½ watt
R233	504047	47 ohms, ±20%, ½ watt
R234	76639	Wire wound, 180 ohms, 2 watts
R235	503268	6800 ohms, ±10%, ½ watt
R236	503356	56,000 ohms, ±10%, ½ watt
R237	76468	Wire wound, 1.5 ohms, ½ watt
R238	523610	10 megohms, ±10%, 2 watts
R239	76503	Focus control
R240	523582	8.2 megohms, ±10%, 2 watts
R241	72633	Wire wound, 4.7 ohms, ½ watt
R242	503333	33,000 ohms, ±10%, ½ watt
R245	503412	120,000 ohms, ±10%, ½ watt
R246	513147	470 ohms, ±10%, 1 watt
R253	513156	560 ohms, ±10%, 1 watt
R255	503582	8.2 megohms, ±10%, ½ watt
R256	503356	56,000 ohms, ±10%, ½ watt
R257	503418	180,000 ohms, ±10%, ½ watt
R258	503315	15,000 ohms, ±10%, ½ watt
R259	504233	3300 ohms, ±20%, ½ watt
R263	504447	470,000 ohms, ±20%, ½ watt
R264	503447	470,000 ohms, ±10%, ½ watt
R265	503347	47,000 ohms, ±10%, ½ watt
R267	503347	47,000 ohms, ±10%, ½ watt
R268	503410	100,000 ohms, ±10%, ½ watt
R269	513347	47,000 ohms, ±10%, 1 watt
R270	503456	560,000 ohms, ±10%, ½ watt
R271	503318	18,000 ohms, ±10%, ½ watt
R300	503210	1000 ohms, ±10%, ½ watt
		SWITCHES
S1		See L1
S2		See L12
S3		See L22
S4		See L32
S5		See L42
		RECTIFIERS
SR101	76452	Selenium rectifier
SR102	76452	Selenium rectifier
		TRANSFORMERS
T1	76528	Converter transformer T1, R3
T2	76536	Antenna matching transformer complete; T2, L56, C25, C26, C27, L58, L59, L60, L61, L62, J1
T101	76438	Sound IF transformer complete with adjustable cores T101, C103, C104
T102	76439	Ratio detector transformer complete with adjustable cores T102, C108, T106
T104	76432	First picture IF grid transformer complete with adjustable cores T104, C121, R124
T105	76434	First picture IF plate transformer complete with adjustable cores T105, C130, C131, R134
T106	76435	Second picture IF grid transformer complete with adjustable cores T106, C133
T107	76433	Third or fourth picture IF transformer
T108	76433	Third or fourth picture IF transformer
T109	76436	Fifth picture IF transformer T109, C145, C147, L102, R154, Y101
T110	76437	Sound take-off transformer complete with adjustable cores T110, C148
T111	76431	Vertical output transformer
T112	76429	Power transformer, 115 volts, 60 cycle
T113	76440	Horizontal oscillator transformer complete with adjustable cores
T114	76430	High-voltage transformer T114, R272

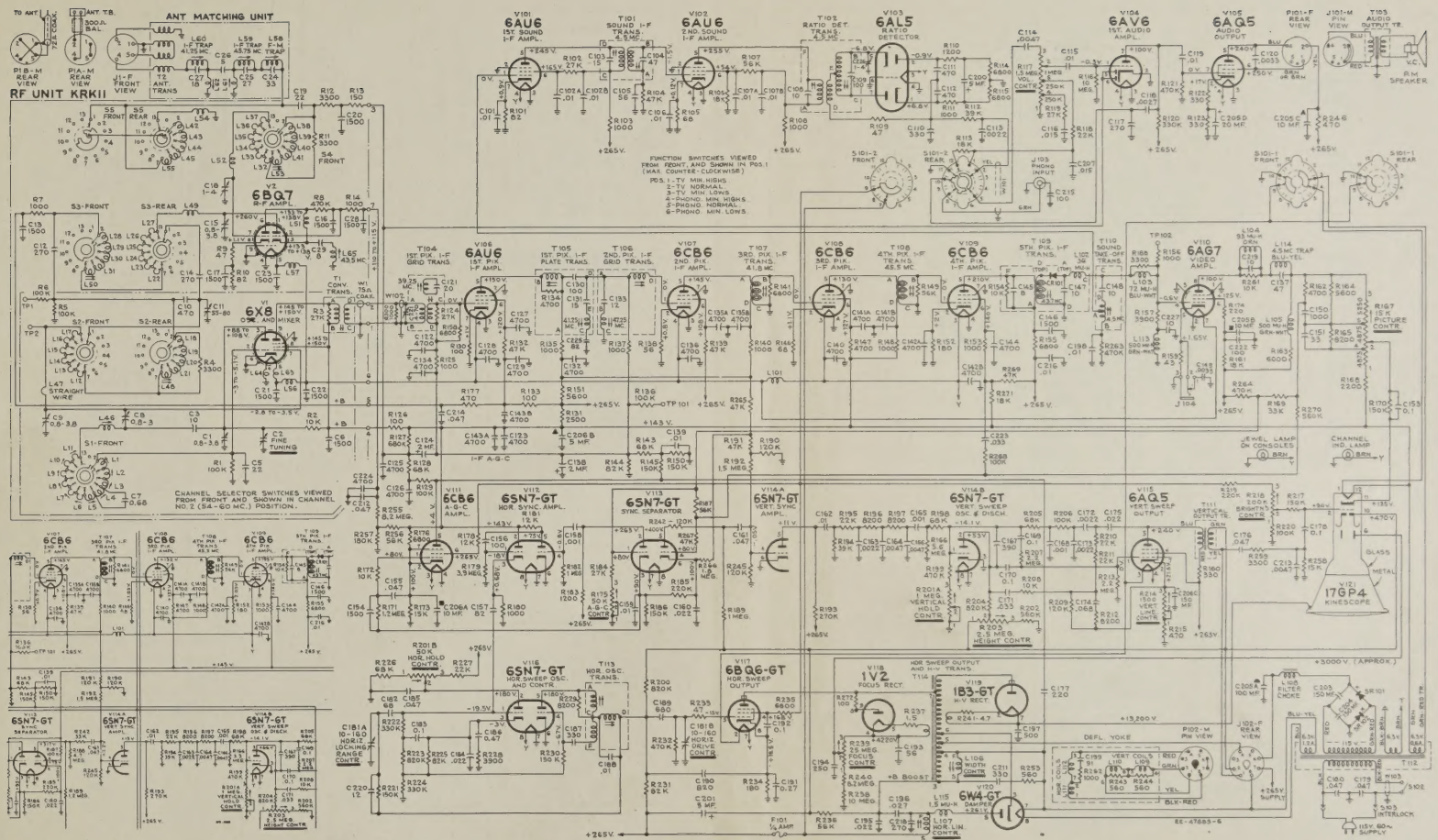
Continued on page 138, column 6

Chassis Top View




R-F UNIT
T2 ANTENNA MATCHING TRANSFORMER
TO ANTENNA TERMINALS
JEWEL LIGHT (IN CONSOLE MODELS ONLY)
SPEAKER CABLE
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S101 TONE CONTROL & PHONO SWITCH
S102-R117 ON-OFF SWITCH & VOLUME CONTROL
R217 BRIGHTNESS CONTROL
R167 PICTURE CONTROL
R201A VERTICAL HOLD CONTROL
R201B HORIZONTAL HOLD CONTROL
T107 3RD PIX I-F TRANS.
T108 4TH PIX I-F TRANS.
V107 6CB6 2ND PIX I-F AMP.
V108 6CB6 3RD PIX I-F AMP.
V109 6CB6 4TH PIX I-F AMP.
T109 5TH PIX I-F TRANS.
T101 SND I-F TRANS.
V101 6AU6 1ST SND I-F AMP.
V102 6AU6 2ND SND I-F AMP.
T102 RATIO DET. TRANS.
T110 SOUND TAKE-OFF TRANS.
V103 6AL5 RATIO DET.
T106 2ND PIX I-F GRID TRANS.
T105 1ST PIX I-F PLATE TRANS.
T104 1ST PIX I-F GRID TRANS.
V104 6AV6 AUDIO AMP.
V105 6AQ5 AUDIO OUTPUT
V106 6AU6 1ST PIX I-F AMP.
C205
V110 6AG7 VIDEO AMPLIFIER
V112 6SN7GT HORIZONTAL SYNC. AMP
V111 6CB6 AGC AMP.
J102F
V113 6SN7GT SYNC. SEPARATOR
V116 6SN7GT HORIZ. SWEEP OSC. AND CONTROL
V117 6BG6GT HORIZ. SWEEP OUTPUT
C206
R167 PICTURE CONTROL
V115 6AQ5 VERT. SWEEP OUTPUT
T112 POWER TRANSFORMER
V114 6SN7GT VERTICAL SYNC. AMP. & VERT. SWEEP OSC.
C204
C203
KINESCOPE SOCKET
POWER CORD

Circuit Diagram for Chassis Numbers KCS66, KCS66A



In a few early production receivers the V113 sync separator circuit was wired as shown in the above partial schematic diagram.

In some receivers, focus bleeder resistors R238 was 12 meg and R240 was 15 meg. In some receivers, R238 and R240 are combined into one 18 meg resistor.

In some receivers, R264 (in video amp at sync take-off) was 220 k.

In some receivers, r-f unit terminal 7 bypass capacitor C224 was omitted.

In some receivers, terminal C of I-F trans. T105 was connected to ground and C225 was omitted.

In some receivers ratio detector trimmer C226 was omitted.

In some receivers, C193 was connected from V118-5 to ground.

In some receivers a 22 k resistor, R142 was connected from V110-8 to junction of L105, L114.

In some receivers, C227 (at video amp) was omitted.

In some receivers, R272 at V118 was omitted.

In some receivers, R271 in the fourth pix i-f screen circuit was omitted.

In some receivers integrator resistor R165 was 3.3 megs.

In some receivers, R300 across T104 A and B was omitted.

In some receivers a 30 mfd capacitor C202 was connected between V115-6 and V115-2 and a resistor R216, 470 ohms was connected between V115-6 and the 265 volt bus.

In some receivers, the Junction of R209 and R212 near V115 was connected to ground.

In some receivers, a capacitor, C152, 7 mmf was connected between terminals 1 and 4 of the picture control R167.

In some receivers, the V110 screen resistor R174 was omitted.

In some receivers the r-f unit was wired as shown in the partial schematic shown on page 13. R-F units wired as shown above are marked "M1".

Model

17T153 Bristol

17T154 Whitfield

17T155 Preston

17T160 Hampton

17T162 Caldwell

17T172 Covington

17T173 Calhoun

17T174 Kendall

KCS 66

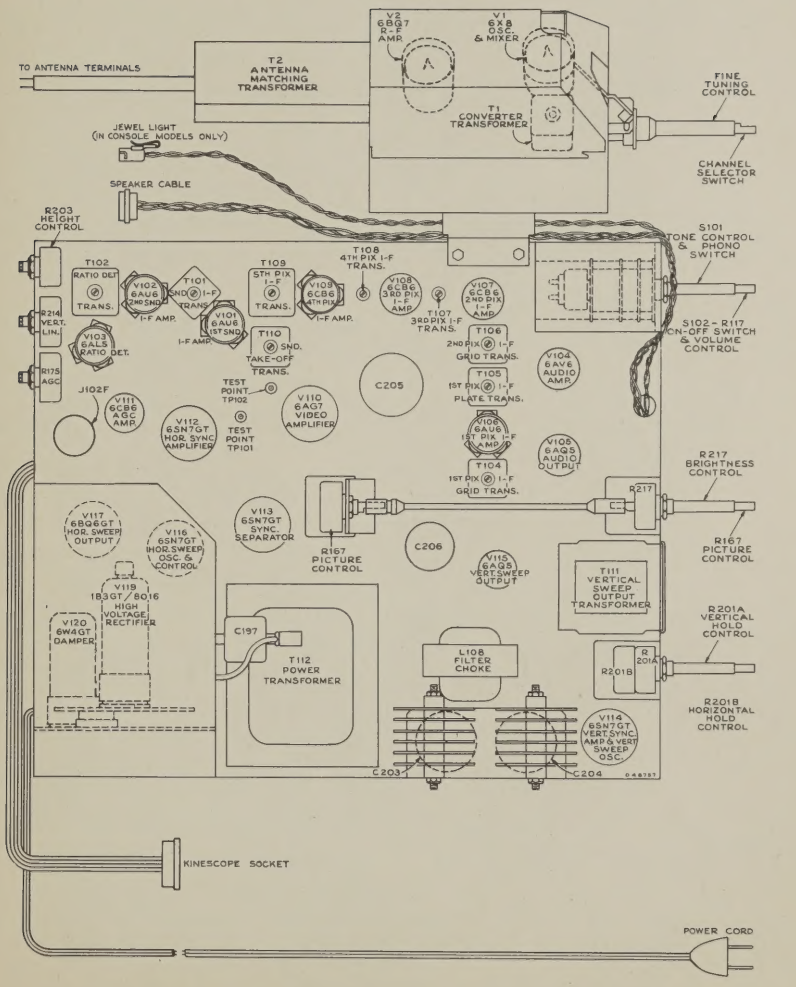
KCS 66 A

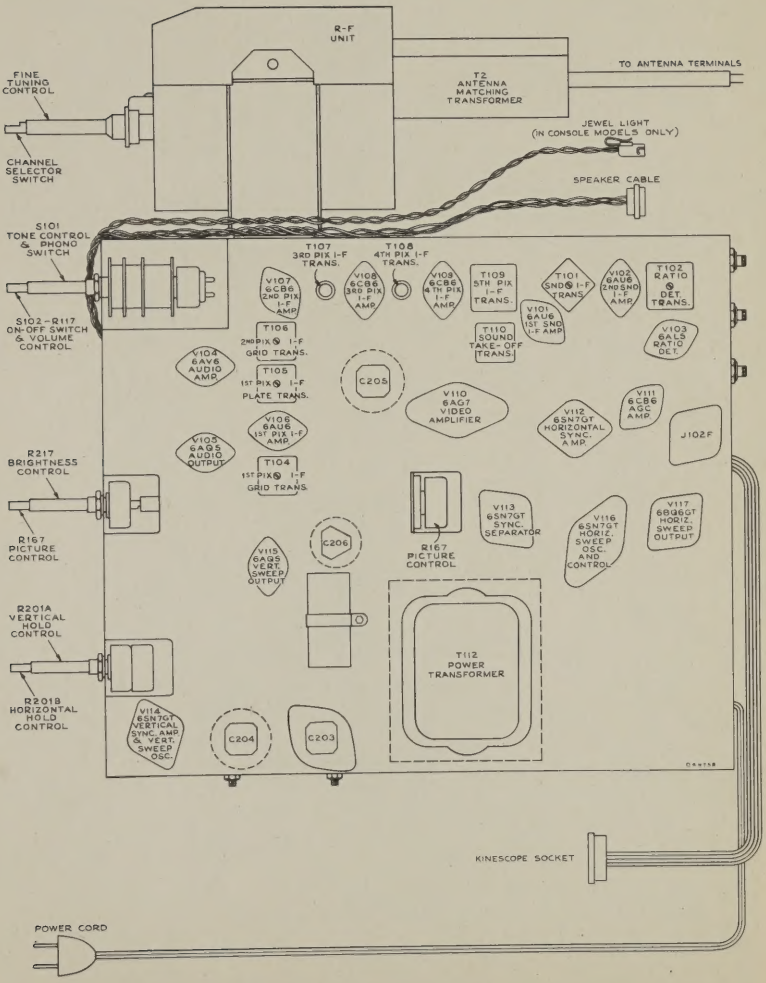
SECTION 1

Parts With Circuit-Symbol Numbers

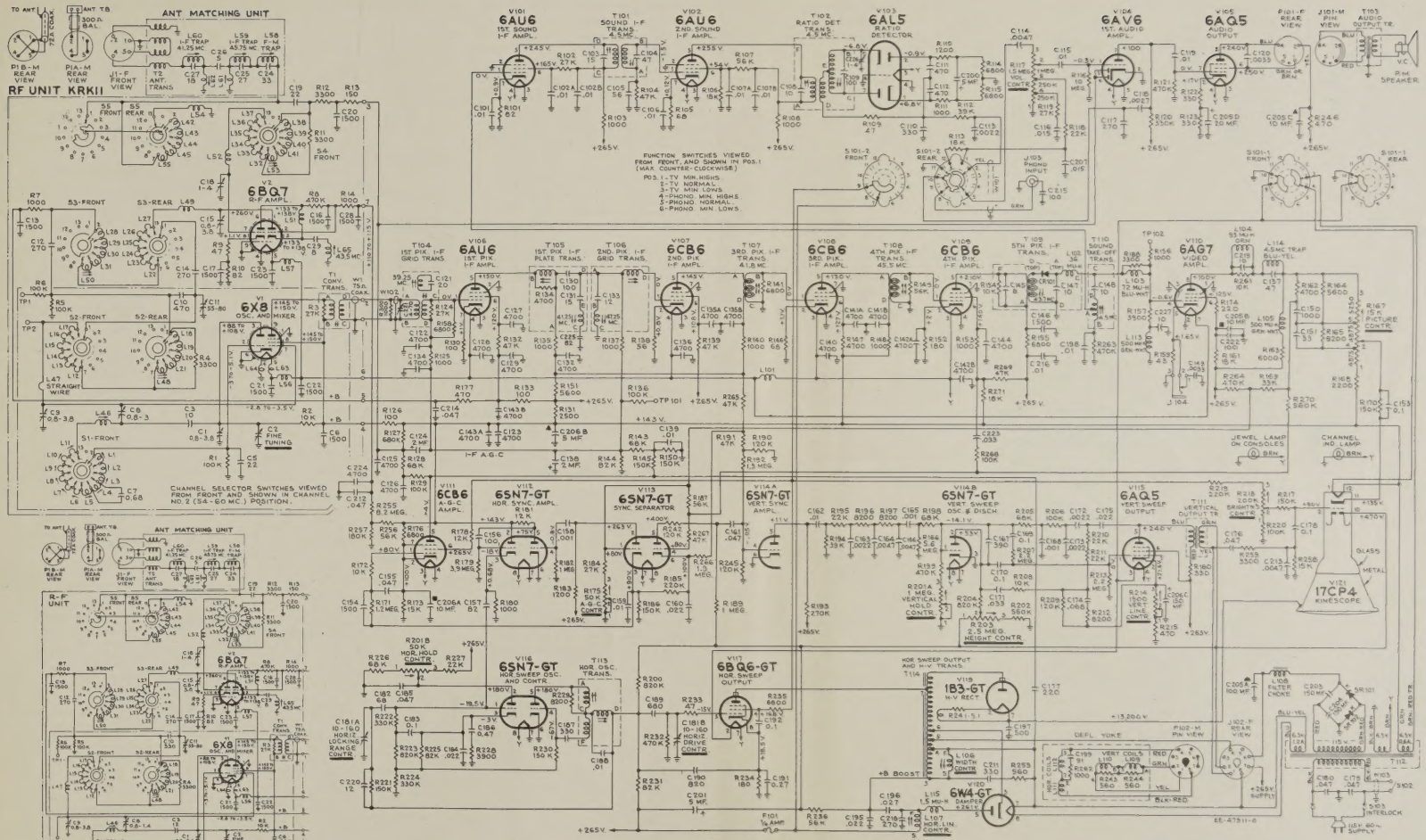
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger type
C3	55326	Ceramic, 10 μμf (production marked "M1"). See L1
	76550	Ceramic, 12 μμf (early production). See L1
C5	76558	Ceramic, 22 μμf
C6	75610	Ceramic, 1500 μμf
C7	71088	Ceramic, 0.68 μμf. See L1
C8	76545	Tubular, steatite, adjustable 0.8-2.25 μμf (early production)
	76781	Tubular, steatite, adjustable 0.8-2.25 μμf (production marked "M1")
C9	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C10	75198	Ceramic, 470 μμf (production marked "M1"). See L12
	76552	Ceramic, 330 μμf (early production). See L12
C11	76527	Mica, trimmer 55-80 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75166	Ceramic, 1500 μμf (stand-off)
C14		See L49
C16	73748	Ceramic, 1500 μμf
C17	75166	Ceramic, 1500 μμf (stand-off)
C18	76532	Adjustable, trimmer, steatite 1.0-4.0 μμf
C19	76557	Ceramic, 22 μμf. See L22
C20	73748	Ceramic, 1500 μμf. See L42
C21	75166	Ceramic, 1500 μμf (stand-off)
C22	75166	Ceramic, 1500 μμf (stand-off)
C23	73748	Ceramic, 1500 μμf
C24	76739	Ceramic, 33 μμf. See T2
C25	70835	Ceramic, 27 μμf. See T2
C26	53056	Ceramic, 18 μμf. See T2
C27	50207	Ceramic, 18 μμf. See T2
C28	75166	Ceramic, 1500 μμf (stand-off)
C29	70597	Ceramic, 1500 μμf
C101	73960	Ceramic, 10,000 μμf
C102	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C103		See T101
C104		See T101
C105	71924	Ceramic, 56 μμf
C106	73960	Ceramic, 10,000 μμf
C107	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C108		See T102
C109		See T102
C110	76473	Mica, 330 μμf
C111	39644	Mica, 470 μμf
C112	39644	Mica, 470 μμf
C113	73595	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C114	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C115	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C116	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C117	47617	Ceramic, 270 μμf
C118	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C119	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C120	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C121		See T104
C122	73473	Ceramic, 4700 μμf
C123	73473	Ceramic, 4700 μμf
C124	76742	Electrolytic, 2 μf - 10 volts
C125	73473	Ceramic, 4700 μμf
C126	73473	Ceramic, 4700 μμf
C127	73473	Ceramic, 4700 μμf
C128	73473	Ceramic, 4700 μμf
C129	73473	Ceramic, 4700 μμf
C130		See T105
C131		See T105
C132	73473	Ceramic, 4700 μμf
C133		See T106
C134	73473	Ceramic, 4700 μμf
C135	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C136	73473	Ceramic, 4700 μμf
C137		See L114
C138	76742	Electrolytic, 2 μf - 10 volts
C139	73960	Ceramic, 10,000 μμf
C140	73473	Ceramic, 4700 μμf
C141	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C142	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C143	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C144	73473	Ceramic, 4700 μμf
C145		See T109
C146	75166	Ceramic, 1500 μμf (stand-off)
C147		See T109
C148		See T110
C149	73795	Tubular, paper, oil-impregnated, .0033 μf - 600 volts
C150	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C151	38868	Ceramic, 33 μμf
C153	73784	Tubular, paper, oil-impregnated, 0.1 μf - 200 volts
C154	73598	Tubular, paper, oil-impregnated, .0015 μf - 600 volts
C155	73558	Tubular, paper, oil-impregnated, .047 μf - 200 volts
C156	39396	Ceramic, 100 μμf
C157	76474	Mica, 82 μμf
C158	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C159	73561	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C160	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C161	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C162	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C163	73595	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C164	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C165	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C166	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C167	73094	Mica, 390 μμf
C168	73801	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C169	73784	Tubular, paper, oil-impregnated, 0.1 μf - 200 volts
C170	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C171	73596	Tubular, paper, oil-impregnated, .033 μf - 1000 volts
C172	73803	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C173	73595	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C174	73792	Tubular, paper, oil-impregnated, .01 μf - 1000 volts
C175	73798	Tubular, paper, oil-impregnated, .047 μf - 1000 volts
C177	76673	Ceramic, 220 μμf
C178	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C179	75071	Tubular, moulded paper, .047 μf - 400 volts
C180	75071	Tubular, moulded paper, .047 μf - 400 volts
C181	75217	Mica, trimmer, dual (Sec. A, B) 10-160 μμf
C182	76475	Mica, 68 μμf
C183	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C184	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C185	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C186	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C187	76476	Mica, 330 μμf
C188	73594	Tubular, moulded paper, oil-impregnated, .01 μf - 600 volts
C189	76479	Tubular, moulded paper, oil-impregnated, .00068 μf - 600 volts
C190	76477	Mica, 820 μμf
C191	73786	Tubular, paper, oil-impregnated, 0.27 μf - 200 volts
C192	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C193	73810	Tubular, paper, oil-impregnated, .022 μf - 1000 volts
C196	73811	Tubular, paper, oil-impregnated, .027 μf - 1000 volts
C197	76461	Ceramic, 500 μμf - 20,000 volts
C198	73960	Ceramic, 10,000 μμf
C199		See L109
C200	74521	Electrolytic, 5 μf - 50 volts
C201	28417	Electrolytic, 5 μf - 450 volts
C203	75220	Electrolytic, 150 μf - 200 volts
C204	75220	Electrolytic, 150 μf - 200 volts
C205	76451	Electrolytic (Sec. A, B, C, D) comprising 1 section of 100 μf - 350 volts, 2 sections of 10 μf - 350 volts, and 1 section of 20 μf - 50 volts
C206	75218	Electrolytic (Sec. A, B, C) comprising 1 section of 10 μf - 350 volts, 1 section of 5 μf - 350 volts, and 1 section of 150 μf - 50 volts
C207	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C211	76476	Mica, 330 μμf
C212	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C213	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C214	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C215	39396	Ceramic, 100 μμf
C216	73960	Ceramic, 10,000 μμf
C218	73091	Mica, 270 μμf
C219	31709	Ceramic, 10 μμf
C220	33380	Ceramic, 12 μμf
C222	75437	Ceramic, 100 μμf
C223	73552	Tubular, paper, oil-impregnated, .033 μf - 400 volts
C224	73473	Ceramic, 4700 μμf
C225	71514	Ceramic, 82 μμf
C226	76800	Adjustable, trimmer, steatite, 1-4 μμf
C227	31709	Ceramic, 10 μμf
		RECTIFIERS
CR101	76675	Picture detector crystal rectifier
		FUSE
F101	76801	0.25 amp, slow blow fuse, 250 volts
		CONNECTORS, JACK
J102	50367	6 contact female connector for deflection yoke leads
J103	35787	Phono input connector
J104	75482	Video jack
		COILS
L1	76546	Oscillator stator complete with rotor, coils, and capacitor; S1, C3, C7, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L46 (early production)
	76779	Oscillator stator complete with rotor, coils, and capacitor; S1, C3, C7, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L46 (production marked "M1")
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
I11		See L1
L12	76551	Converter stator complete with rotor, coils, capacitors, and resistors; S2, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L48, C10, C12, R4, R5, R6 (early production)
	76780	Converter stator complete with rotor, coils, capacitors, and resistors; S2, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L48, C10, C12, R4, R5, R6 (production marked "M1")
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	76553	RF plate stator complete with rotor, coils, capacitor, and resistor; S3, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L50, C14, 97
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	76556	RF grid stator complete with rotor, coils, and resistors; S4, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L53, C19, R11, R12
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42	76554	Antenna stator complete with rotor, coils, capacitor, and resistor; S5, L42, L43, L44, L45, L54, L55, C20
L43		See L42
L44		See L42
L45		See L42
L46		See L1
L47	76560	Channel 13 converter coil (early production)
L48		See L12
L49	76529	Trimmer coil (tuner) incl. L49, C15
L50		See L22
L51	76562	RF amplifier coupling coil
L52	76561	Channel 13 RF grid strap
L53		See L32
L54		See L42
L55		See L42
L57	73477	Choke coil
L58	76540	FM trap complete with adjustable core
L59	76541	IF trap (45.75 mc) complete with core
L60	76542	IF trap (41.25 mc) complete with core
L61	76537	Shunt coil complete with adjustable core
L62	76538	Shunt coil complete with adjustable core
L63	76763	Filament choke coil
L64	76763	Filament choke coil
L65	76535	IF trap
L101	73477	Choke coil
L103	73477	Peaking coil L103, R188
L104	76646	Peaking coil L104, R261
L105	75252	Peaking coil
L106	76441	Width coil complete with adjustable core
L107	76442	Horizontal linearity coil complete with adjustable core
L108	76498	Filter choke
L109	76616	Deflection yoke complete with 6 contact male connector L109, L110, L111, L112, C199, R243, R244, R262, P102
L110		See L109
L111		See L109
L112		See L109
L113	75252	Peaking coil
L114	76482	4.5 mc trap L114, C137
L115	76640	RF choke
		CONNECTORS
P101	5040	4 contact female connector for speaker cable
P102	75542	6 contact male connector part of deflection yoke
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R4	503233	3300 ohms, ±10%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	504410	100,000 ohms, ±20%, ½ watt
R7	504210	1000 ohms, ±20%, ½ watt
R8	504447	470,000 ohms, ±20%, ½ watt
R9	503047	47 ohms, ±10%, ½ watt
R10	503082	82 ohms, ±10%, ½ watt
R11	503233	3300 ohms, ±10%, ½ watt
R12	503233	3300 ohms, ±10%, ½ watt
R13	504115	150 ohms, ±20%, ½ watt
R14	504210	1000 ohms, ±20%, ½ watt
R101	13961	82 ohms, ±5%, ½ watt
R102	503327	27,000 ohms, ±10%, ½ watt
R103	504210	1000 ohms, ±20%, ½ watt
R104	503347	47,000 ohms, ±10%, ½ watt
R105	34763	68 ohms, ±5%, ½ watt
R106	503218	18,000 ohms, ±10%, ½ watt
R107	513356	56,000 ohms, ±10%, 1 watt
R108	504210	1000 ohms, ±20%, ½ watt
R109	30732	47 ohms, ±5%, ½ watt
R110	30731	1200 ohms, ±5%, ½ watt
R111	34766	1000 ohms, ±5%, ½ watt
R112	503339	39,000 ohms, ±10%, ½ watt
R113	503318	18,000 ohms, ±10%, ½ watt
R114	14659	6800 ohms, ±5%, ½ watt
R115	14659	6800 ohms, ±5%, ½ watt
R116	504610	10 megohms, ±20%, ½ watt
R117	76171	Volume control and power switch
R118	503322	22,000 ohms, ±10%, ½ watt
R119	503327	27,000 ohms, ±10%, ½ watt
R120	503433	330,000 ohms, ±10%, ½ watt
R121	504447	470,000 ohms, ±20%, ½ watt
R122	76465	Wire wound, 330 ohms, 1 watt
R123	76465	Wire wound, 330 ohms, 1 watt
R125	504210	1000 ohms, ±20%, ½ watt
R126	504110	100 ohms, ±20%, ½ watt
R127	30562	680,000 ohms, ±5%, ½ watt
R128	503368	68,000 ohms, ±10%, ½ watt
R129	503410	100,000 ohms, ±10%, ½ watt
R130	502110	100 ohms, ±20%, ½ watt
R131	76469	Wire wound, 2500 ohms, 10 watts
R132	513347	47,000 ohms, ±10%, 1 watt
R133	504110	100 ohms, ±20%, ½ watt
R135	503210	1000 ohms, ±10%, ½ watt
R136	504410	100,000 ohms, ±20%, ½ watt
R137	503210	1000 ohms, ±10%, ½ watt
R138	502056	56 ohms, ±5%, ½ watt
R139	513347	47,000 ohms, ±10%, 1 watt
R140	504210	1000 ohms, ±20%, ½ watt
R141	14659	6800 ohms, ±5%, ½ watt
R143	503368	68,000 ohms, ±10%, ½ watt
R144	30664	82,000 ohms, ±5%, ½ watt
R145	503415	150,000 ohms, ±10%, ½ watt
R146	34763	68 ohms, ±5%, ½ watt
R147	504247	4700 ohms, ±20%, ½ watt
R148	504210	1000 ohms, ±20%, ½ watt
R149	502356	56,000 ohms, ±5%, ½ watt
R150	503415	150,000 ohms, ±10%, ½ watt
R151	76390	Wire wound, 5600 ohms, 5 watts
R152	503118	180 ohms, ±10%, ½ watt
R153	503210	1000 ohms, ±10%, ½ watt
R155	513268	6800 ohms, ±10%, 1 watt
R156	504210	1000 ohms, ±20%, ½ watt
R157	30694	3900 ohms, ±5%, ½ watt
R158	503268	6800 ohms, ±10%, ½ watt
R159	502043	43 ohms, ±5%, ½ watt
R160	503133	330 ohms, ±10%, ½ watt
R161	523318	18,000 ohms, ±10%, 2 watts
R162	503247	4700 ohms, ±10%, ½ watt
R163	76638	Wire wound, 6000 ohms, 10 watts
R164	502056	5600 ohms, ±10%, ½ watt
R165	503282	8200 ohms, ±10%, ½ watt
R166	503556	5.6 megohms, ±10%, ½ watt
R167	76443	Picture control
R168	503222	2200 ohms, ±10%, ½ watt
R169	513333	33,000 ohms, ±10%, 1 watt
R170	504415	150,000 ohms, ±20%, ½ watt
R171	503512	1.2 megohms, ±10%, ½ watt
R172	504310	10,000 ohms, ±20%, ½ watt
R173	523315	15,000 ohms, ±10%, 2 watts
R174	503122	220 ohms, ±10%, ½ watt
R175	76447	AGC control
R176	503268	6800 ohms, ±10%, ½ watt
R177	504147	470 ohms, ±20%, ½ watt
R178	503312	12,000 ohms, ±10%, ½ watt
R179	503539	3.9 megohms, ±10%, ½ watt
R180	503210	1000 ohms, ±10%, ½ watt
R181	503312	12,000 ohms, ±10%, ½ watt
R182	5040510	1 megohm, ±20%, ½ watt
R183	503212	1200 ohms, ±10%, ½ watt
R184	513327	27,000 ohms, ±10%, 1 watt
R185	504422	220,000 ohms, ±10%, ½ watt
R186	503415	150,000 ohms, ±10%, ½ watt
R187	503356	56,000 ohms, ±10%, ½ watt
R188	503512	1.2 megohms, ±10%, ½ watt
R190	503412	120,000 ohms, ±10%, ½ watt
R191	503347	47,000 ohms, ±10%, ½ watt
R192	503539	3.9 megohms, ±10%, ½ watt
R193	503427	270,000 ohms, ±10%, ½ watt
R194	503339	39,000 ohms, ±10%, ½ watt
R195	503247	4700 ohms, ±10%, ½ watt
R196	503282	8200 ohms, ±10%, ½ watt
R197	503282	8200 ohms, ±10%, ½ watt
R198	504368	68,000 ohms, ±20%, ½ watt
R199	503447	470,000 ohms, ±10%, ½ watt
R200	503482	820,000 ohms, ±10%, ½ watt
R201	76443	Horizontal and vertical hold control Sec. A, B)
R202	503456	560,000 ohms, ±10%, ½ watt
R203	76448	Height control
R204	503482	820,000 ohms, ±10%, ½ watt
R205	504368	68,000 ohms, ±20%, ½ watt
R206	503410	100,000 ohms, ±10%, ½ watt
R207	504522	2.2 megohms, ±20%, ½ watt
R208	503310	10,000 ohms, ±10%, ½ watt
R209	30180	120,000 ohms, ±5%, ½ watt
R210	71989	22,000 ohms, ±5%, 1 watt
R211	71989	22,000 ohms, ±5%, 1 watt
R212	503282	8200 ohms, ±10%, ½ watt
R213	504522	2.2 megohms, ±20%, ½ watt
R214	76449	Vertical linearity control
R215	503147	470 ohms, ±10%, ½ watt
R217	504415	150,000 ohms, ±20%, ½ watt
R218	76444	Brightness control
R219	503422	220,000 ohms, ±10%, ½ watt
R220	503410	100,000 ohms, ±10%, ½ watt
R221	503415	150,000 ohms, ±10%, ½ watt
R222	503433	330,000 ohms, ±10%, ½ watt
R223	503482	820,000 ohms, ±10%, ½ watt
R224	512433	330,000 ohms, ±5%, 1 watt
R225	513382	82,000 ohms, ±10%, 1 watt
R226	513368	68,000 ohms, ±10%, 1 watt
R227	513322	22,000 ohms, ±10%, 1 watt
R228	503239	3900 ohms, ±10%, ½ watt
R229	502282	8200 ohms, ±5% watt
R230	512415	150,000 ohms, ±5%, 1 watt
R231	512382	82,000 ohms, ±5%, 1 watt
R232	503447	470,000 ohms, ±10%, ½ watt
R233	504047	47 ohms, ±20%, ½ watt
R234	76639	Wire wound, 180 ohms, 2 watts
R235	523268	6800 ohms, ±10%, 2 watts
R236	503356	56,000 ohms, ±10%, ½ watt
R241	76796	Wire wound, 5.1 ohms, ½ watt
R245	503412	120,000 ohms, ±10%, ½ watt
R246	513147	470 ohms, ±10%, 1 watt
R253	513156	560 ohms, ±10%, 1 watt
R255	503582	8.2 megohms, ±10%, ½ watt
R256	503356	56,000 ohms, ±10%, ½ watt
R257	503418	180,000 ohms, ±10%, ½ watt
R258	503315	15,000 ohms, ±10%, ½ watt
R259	504233	3300 ohms, ±20%, ½ watt
R260	11769	1.8 megohms, ±5%, ½ watt
R263	504447	470,000 ohms, ±20%, ½ watt
R264	503447	470,000 ohms, ±10%, ½ watt
R265	503347	47,000 ohms, ±10%, ½ watt
R267	503347	47,000 ohms, ±10%, ½ watt
R268	503410	100,000 ohms, ±10%, ½ watt
R269	513347	47,000 ohms, ±10%, 1 watt
R270	503456	560,000 ohms, ±10%, ½ watt
R271	503318	18,000 ohms, ±10%, ½ watt
R300	503210	1000 ohms, ±10%, ½ watt
		SWITCHES
S1		See L1
S2		See L12
S3		See L22
S4		See L32
S5		See L42
		RECTIFIERS
SR101	76452	Selenium rectifier
SR102	76452	Selenium rectifier
		TRANSFORMERS
T1	76528	Converter transformer T1, R3
T2	76536	Antenna matching transformer complete T2, C24, C25, C26, C27, L59, L60, L61, L62, J1
T101	76438	Sound IF transformer complete with adjustable cores T101, C103, C104
T102	76439	Ratio detector transformer complete with adjustable cores T102, C108, C109
T104	76432	First picture IF grid transformer complete with adjustable cores T104, C121, R124
T105	76434	First picture IF plate transformer complete with adjustable cores T105, C130, R131, R132
T106	76435	Second picture IF grid transformer complete with adjustable cores T106, C133
T107	76433	Third or fourth picture IF transformer
T108	76433	Third or fourth picture IF transformer
T109	76436	Fifth picture IF transformer T109, C145, C147, L102, R154, CR101
T110	76437	Sound take-off transformer complete with adjustable cores T110, C148
T111	76431	Vertical output transformer
T112	76429	Power transformer, 115 volts, 60 cycle
T113	76440	Horizontal oscillator transformer complete with adjustable cores
T114	76795	High-voltage transformer

Continued on page 139, column 4


TO ANTENNA TERMINALS
T2 ANTENNA MATCHING TRANSFORMER
V2 6BQ7 R-F AMP.
V1 6X8 OSC. & MIXER
T1 CONVERTER TRANSFORMER
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
JEWEL LIGHT (IN CONSOLE MODELS ONLY)
SPEAKER CABLE
R203 HEIGHT CONTROL
S101 TONE CONTROL & PHONO SWITCH
S102 - R117 ON-OFF SWITCH & VOLUME CONTROL
T102 RATIO DET. TRANS.
V102 6AU6 2ND SND. I-F AMP.
T101 2ND SND. I-F TRANS.
V101 6AU6 1ST SND. I-F AMP.
V103 6AL5 RATIO DET.
T109 5TH PIX I-F TRANS.
V109 6CB6 4TH PIX I-F AMP.
T108 4TH PIX I-F TRANS.
V108 6CB6 3RD PIX I-F AMP.
T107 3RD PIX I-F TRANS.
V107 6CB6 2ND PIX I-F AMP.
T110 SND. TAKE-OFF TRANS.
T106 2ND PIX I-F GRID TRANS.
T105 1ST PIX I-F PLATE TRANS.
V104 6AV6 AUDIO AMP.
V105 6AU6 1ST PIX I-F AMP.
T104 1ST PIX I-F GRID TRANS.
V106 6AQ5 AUDIO OUTPUT
R214 VERT. LIN.
R175 AGC
J102F
V111 6CB6 AGC AMP.
TEST POINT TP102
TEST POINT TP101
V112 6SN7GT HOR. SYNC AMPLIFIER
V110 6AG7 VIDEO AMPLIFIER
C205
R217 BRIGHTNESS CONTROL
R167 PICTURE CONTROL
V117 6BQ6GT HOR. SWEEP OUTPUT
V116 6SN7GT HOR. SWEEP OSC. & CONTROL
V113 6SN7GT SYNC. SEPARATOR
R167 PICTURE CONTROL
C206
V115 6AQ5 VERT. SWEEP OUTPUT
T111 VERTICAL SWEEP OUTPUT TRANSFORMER
R201A VERTICAL HOLD CONTROL
V119 1B3GT/8016 HIGH VOLTAGE RECTIFIER
V120 6W4GT DAMPER
C197
T112 POWER TRANSFORMER
L108 FILTER CHOKE
R201B
R 201A
R201B HORIZONTAL HOLD CONTROL
V114 6SN7GT VERT. SYNC. AMP. & VERT. SWEEP OSC.
C203
C204
KINESCOPE SOCKET
POWER CORD


R-F UNIT
T2 ANTENNA MATCHING TRANSFORMER
TO ANTENNA TERMINALS
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
JEWEL LIGHT (IN CONSOLE MODELS ONLY)
SPEAKER CABLE
S101 TONE CONTROL & PHONO SWITCH
S102-R117 ON-OFF SWITCH & VOLUME CONTROL
T107 3RD PIX I-F TRANS.
T108 4TH PIX I-F TRANS.
V107 6CB6 2ND PIX I-F AMP.
V108 6CB6 3RD PIX I-F AMP.
V109 6CB6 4TH PIX I-F AMP.
T109 5TH PIX I-F TRANS.
T101 SND I-F TRANS.
V102 6AU6 2ND SND I-F AMP.
T102 RATIO DET. TRANS.
V101 6AU6 1ST SND I-F AMP.
T110 SOUND TAKE-OFF TRANS.
V103 6AL5 RATIO DET.
T106 2ND PIX I-F GRID TRANS.
V104 6AV6 AUDIO AMP.
T105 1ST PIX I-F PLATE TRANS.
C205
V110 6AG7 VIDEO AMPLIFIER
V112 6SN7GT HORIZONTAL SYNC. AMP.
V111 6CB6 AGC AMP.
J102F
V106 6AU6 1ST PIX I-F AMP.
V103 6AQ5 AUDIO OUTPUT
T104 1ST PIX I-F GRID TRANS.
R217 BRIGHTNESS CONTROL
R167 PICTURE CONTROL
C206
R167 PICTURE CONTROL
V113 6SN7GT SYNC. SEPARATOR
V116 6SN7GT HORIZ. SWEEP OSC. AND CONTROL
V117 6BQ6GT HORIZ. SWEEP OUTPUT
V115 6AQ5 VERT. SWEEP OUTPUT
R201A VERTICAL HOLD CONTROL
T112 POWER TRANSFORMER
R201B HORIZONTAL HOLD CONTROL
V114 6SN7GT VERTICAL SYNC. AMP. & VERT. SWEEP OSC.
C204
C203
KINESCOPE SOCKET
POWER CORD

Circuit Diagram for Chassis Number KCS66D


ANT MATCHING UNIT
RF UNIT KRKII
6BQ7
6X8
6AU6
6CB6
6CB6
6AG7
6AQ5
6AV6
6AL5
6AQ5
6SN7-GT
6SN7-GT
6SN7-GT
6SN7-GT
6SN7-GT
6BQ6-GT
1B3-GT
6W4-GT
17CP4
KINESCOPE
CHANNEL SELECTOR SWITCHES VIEWED FROM FRONT AND SHOWN IN CHANNEL NO. 2 (54 - 60 MC.) POSITION.
FUNCTION SWITCHES VIEWED FROM FRONT AND SHOWN IN POS. 1 (MAX. COUNTER-CLOCKWISE)
POS. 1 - TV MIN. HIGHS
2 - TV NORMAL
3 - TV MIN. LOWS
4 - PHONO. MIN. HIGHS
5 - PHONO. NORMAL
6 - PHONO. MIN. LOWS
+265V.
+265 V.
+265V
+265V
+265V

SECTION I

Parts With Circuit-Symbol Numbers

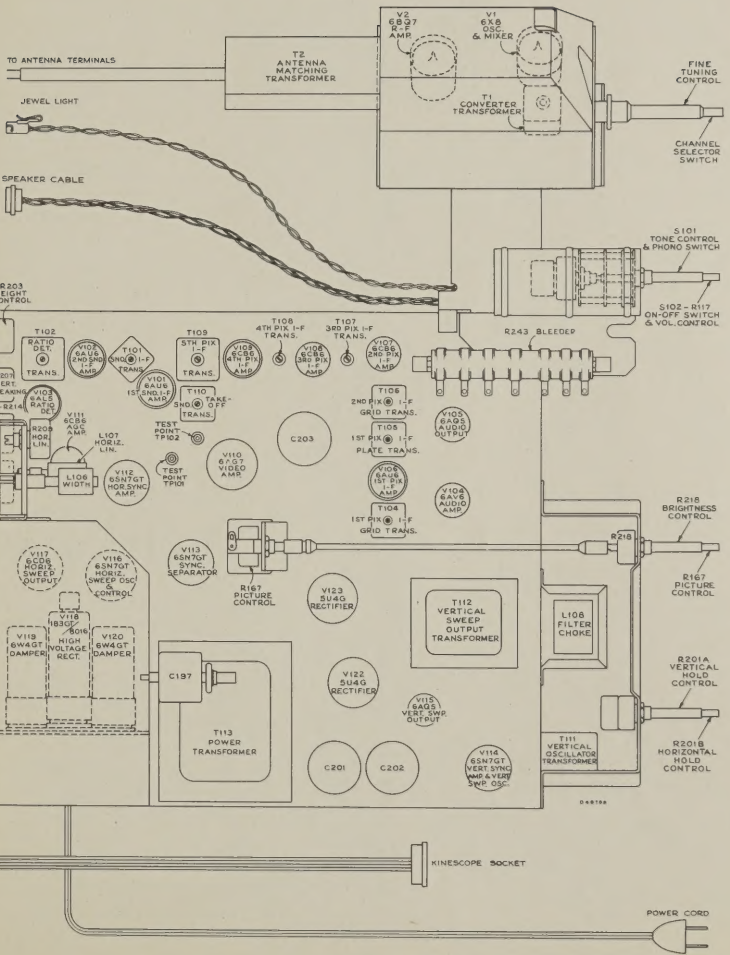
Symbol	Stock No.	Description
		CAPACITORS
C1	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C2	75186	Ceramic, variable, for fine tuning—plunger
C3	55326	Ceramic, 10 μμf. See L1
C5	76558	Ceramic, 22 μμf
C6	75610	Ceramic, 1500 μμf
C7	71088	Ceramic, 0.68 μμf. See L1
C8	76781	Tubular, steatite, adjustable 0.8-3 μμf
C9	75184	Ceramic, adjustable 0.75-4 μμf complete with adjusting stud
C10	75189	Ceramic, 470 μμf. See L12
C11	76527	Mica trimmer, 55-80 μμf
C12	75199	Ceramic, 270 μμf. See L12
C13	75166	Ceramic, 1500 μμf (stand-off)
C14	75199	Ceramic, 270 μμf. See L22
C15		See L49
C16	73748	Ceramic, 1500 μμf
C17	75166	Ceramic, 1500 μμf (stand-off)
C18	76532	Adjustable trimmer, steatite, 1.0-4.0 μμf
C19	76557	Ceramic, 22 μμf. See L32
C20	73748	Ceramic, 1500 μμf. See L42
C21	75166	Ceramic, 1500 μμf (stand-off)
C21		Ceramic, 1500 μμf (stand-off)
C22	75166	Ceramic, 1500 μμf (stand-off)
C23	73748	Ceramic, 1500 μμf
C24	76739	Ceramic, 33 μμf. See T2
C25	70935	Ceramic, 27 μμf. See T2
C26	93056	Ceramic, 5 μμf. See T2
C27	54207	Ceramic, 18 μμf. See T2
C28	75166	Ceramic, 1500 μμf (stand-off)
C29	70597	Ceramic, 8 μμf
C101	73960	Ceramic, 10,000 μμf
C102	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C103		See T101
C104		See T101
C105	71924	Ceramic, 56 μμf
C106	73960	Ceramic, 10,000 μμf
C107	75877	Ceramic, dual (Sec. A, B) 10,000 μμf
C108		See T102
C109		See T102
C110	76473	Mica, 330 μμf
C111	39644	Mica, 470 μμf
C112	39644	Mica, 470 μμf
C113	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C114	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C115	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C116	73797	Tubular, paper, oil-impregnated, .015 μf - 600 volts
C117	47617	Ceramic, 270 μμf
C118	73599	Tubular, paper, oil-impregnated, .0027 μf - 600 volts
C119	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C120	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C121		See T104
C122	73473	Ceramic, 4700 μμf
C124	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C124	76742	Electrolytic, 2 μf - 10 volts DC
C125	73473	Ceramic, 4700 μμf
C126	73960	Ceramic, 10,000 μμf
C127	73473	Ceramic, 4700 μμf
C128	73473	Ceramic, 4700 μμf
C130		See T105
C131		See T105
C132	73473	Ceramic, 4700 μμf
C133		See T106
C134	73473	Ceramic, 4700 μμf
C135	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C141	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C142	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C138	76742	Electrolytic, 2 μf - 10 volts DC
C139	73960	Ceramic, 10,000 μμf
C140	73473	Ceramic, 4700 μμf
C141	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C142	76470	Ceramic, dual (Sec. A, B) 4700 μμf
C143	73960	Ceramic, 10,000 μμf
C144		See T109
C146	75166	Ceramic, 1500 μμf (stand-off)
C147	73473	Ceramic, 4700 μμf. See T109
C148		See T110
C149	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C150	39042	Ceramic, 47 μμf
C151	39044	Ceramic, 15 μμf
C152	76507	Ceramic, 3 μμf
C153	73794	Tubular, paper, oil-impregnated, 0.22 f - 400 volts
C154	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C155	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C156	45233	Ceramic, 1000 μμf
C157	73090	Mica, 82 μμf
C158	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C159	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C160	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C161	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C162	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C163	73595	Tubular, paper, oil-impregnated, .0022 μf - 600 volts
C164	73920	Tubular, paper, oil-impregnated, .0047 μf - 600 volts
C165	73594	Tubular, moulded, oil impregnated, .01 μf - 600 volts
C166	45233	Ceramic, 1000 μμf
C167	75643	Tubular, paper, oil-impregnated, .001 μf - 600 volts
C168	44202	Ceramic, 150 μμf
C169	73803	Tubular, paper, oil-impregnated, .0022 μf - 1000 volts
C170	74957	Tubular, paper, oil-impregnated, 0.22 μf - 600 volts
C171	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C172	73551	Tubular, paper, oil-impregnated, 0.1 μf - 400 volts
C173	73557	Tubular, paper, oil-impregnated, 0.1 μf - 600 volts
C174	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C175	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C175	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C176	76578	Mica, 100 μμf
C177	76574	Ceramic, 39 μμf
C179	75071	Tubular, moulded, .047 μf - 400 volts
C180	75071	Tubular, moulded, .047 μf - 400 volts
C181	75217	Mica trimmer, dual (Sec. A, B) 10-150 μμf
C182	73090	Mica, 82 μμf
C183	73553	Tubular, paper, oil-impregnated, .047 μf - 400 volts
C184	73562	Tubular, paper, oil-impregnated, .022 μf - 400 volts
C185	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C186	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C187	76579	Mica, 270 μμf
C188	73594	Tubular, moulded, oil-impregnated, .01 μf - 600 volts
C189	73801	Tubular, paper, oil-impregnated, .001 μf - 1000 volts
C190	76508	Tubular, moulded, oil impregnated, .0015 μf - 600 volts
C191	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C192	73592	Tubular, paper, oil-impregnated, .047 μf - 600 volts
C193		See L109
C195	73815	Tubular, paper, oil-impregnated, .068 μf - 1000 volts
C196	73815	Tubular, paper, oil-impregnated, .068 μf - 1000 volts
C197	76488	Ceramic, 500 μμf, 30,000 volts
C198	73960	Ceramic, 10,000 μμf
C199		See L32
C200	74521	Electrolytic, 5 μf - 50 volts
C201	76486	Electrolytic (Sec. A, B, C, D) comprising 1 section of 35 μf - 450 volts, 1 section of 25 μf - 450 volts, 1 section of 20 μf - 200 volts, and 1 section of 100 μf - 50 volts
C202	76485	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 10 μf - 200 volts
C203	75510	Electrolytic (Sec. A, B, C, D) comprising 2 sections of 35 μf - 450 volts, 1 section of 10 μf - 450 volts, and 1 section of 5 μf - 450 volts
C204	28417	Electrolytic, 5 μf - 450 volts
C205		See L109
C206	76577	Ceramic, 33 μμf
C207	73808	Tubular, paper, oil-impregnated, .0082 μf - 600 volts
C211	76575	Ceramic, 180 μμf
C212	76576	Ceramic, 150 μμf
C213		See L116
C214	73960	Ceramic, 10,000 μμf
C215	44202	Ceramic, 150 μμf
C216	73708	Tubular, paper, oil-impregnated, .022 μf - 600 volts
C217	76579	Mica, 270 μμf
C218	73561	Tubular, paper, oil-impregnated, .01 μf - 400 volts
C219	73787	Tubular, paper, oil-impregnated, 0.47 μf - 200 volts
C220	71496	Adjustable, 4-70 μμf
C221	73748	Ceramic, 1500 μμf
C224	73473	Ceramic, 4700 μμf
C225	71514	Ceramic, 82 μμf
C226	76532	Adjustable trimmer, steatite, 1-4 μμf
		RECTIFIERS
CR101	76675	Picture detector crystal rectifier. See T109
		FUSE
F101	76801	0.25 amp, slow blow fuse, 250 volts
		CONNECTORS, JACK
J1		See T2
J101	5039	4 contact male connector
J102	50367	6 contact female connector for yoke leads
J103	35787	Phono input connector
J104	75482	Video jack
		COILS
L1	76779	Oscillator stator complete with rotor, coils, and capacitor; S1, C3, C7, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L46
L2		See L1
L3		See L1
L4		See L1
L5		See L1
L6		See L1
L7		See L1
L8		See L1
L9		See L1
L10		See L1
L11		See L1
L12	76780	Converter stator complete with rotor, coils, capacitors, and resistors; S2, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L48, C10, C12, R4, R5, R6
L13		See L12
L14		See L12
L15		See L12
L16		See L12
L17		See L12
L18		See L12
L19		See L12
L20		See L12
L21		See L12
L22	76553	RF plate stator complete with rotor, coils, capacitor, and resistor; S3, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L50, C14, R7
L23		See L22
L24		See L22
L25		See L22
L26		See L22
L27		See L22
L28		See L22
L29		See L22
L30		See L22
L31		See L22
L32	76556	RF grid stator complete with rotor, coils, and resistors; S4, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L53, C19, R11, R12
L33		See L32
L34		See L32
L35		See L32
L36		See L32
L37		See L32
L38		See L32
L39		See L32
L40		See L32
L41		See L32
L42	76554	Antenna stator complete with rotor, coils, capacitor, and resistor; S5, L42, L43, L44, L45, L54, L55, C2
L43		See L42
L44		See L42
L45		See L42
L46		See L1
L47	76560	Channel 13 converter coil **NOTE:** L47 is a bus wire in late models
L48		See L12
L49	76529	Trimmer coil L49, C15
L50		See L22
L51	76562	RF amplifier coupling coil
L52	76561	Channel 13 RF grid strap
L53		See L32
L54		See L42
L55		See L42
L57	73477	Choke coil
L58	76540	FM trap complete with adjustable core
L59	76541	IF trap (45.75 mc) complete with core
L60	76542	IF trap (41.25 mc) complete with core
L61	76537	Shunt coil complete with adjustable core
L62	76538	Shunt coil complete with adjustable core
L63	76763	Filament choke coil
L64	76763	Filament choke coil
L65	76535	IF trap
L101	73477	Choke coil
L103	76646	Peaking coil L103, R161
L105	75252	Peaking coil
L106	76484	Width coil complete with adjustable core
L107	76483	Horizontal linearity coil
L108	76498	Filter choke
L109	76653	Deflection yoke complete with 6 contact male connector L109, L110, L112, C193, C199, C205, P102
L110		See L109
L111		See L109
L112		See L109
L113	75252	Peaking coil L113, R174
L114	76647	Peaking coil L114 R166
L115	76510	RF choke coil
L116	76482	4.5 mc trap L116, C213
L117	76640	RF choke coil
L118	76640	RF choke coil
		CONNECTORS
P101	5040	4 contact female connector for speaker cable
P102	75542	6 contact male connector part of deflection yoke
		RESISTORS—FIXED COMPOSITION (Unless otherwise specified)
R1	504410	100,000 ohms, ±20%, ½ watt
R2	504310	10,000 ohms, ±20%, ½ watt
R4	503233	3300 ohms, ±10%, ½ watt
R5	504410	100,000 ohms, ±20%, ½ watt
R6	504410	100,000 ohms, ±20%, ½ watt
R7	504210	1000 ohms, ±20%, ½ watt
R8	504447	470,000 ohms, ±20%, ½ watt
R9	503047	47 ohms, ±10%, ½ watt
R10	503082	82 ohms, ±10%, ½ watt
R11	503233	3300 ohms, ±10%, ½ watt
R12	503233	3300 ohms, ±10%, ½ watt
R13	504115	150 ohms, ±20%, ½ watt
R14	504210	1000 ohms, ±20%, ½ watt
R101	13961	82 ohms, ±5%, ½ watt
R102	504210	1000 ohms, ±20%, ½ watt
R103	504210	1000 ohms, ±20%, ½ watt
R104	503347	47,000 ohms, ±10%, ½ watt
R105	34763	68 ohms, ±5%, ½ watt
R106	503356	56,000 ohms, ±10%, ½ watt
R107	503333	33,000 ohms, ±10%, ½ watt
R108	504210	1000 ohms, ±20%, ½ watt
R109	30732	47 ohms, ±5%, ½ watt
R110	30731	1200 ohms, ±5%, ½ watt
R111	34766	1000 ohms, ±5%, ½ watt
R112	503339	33,000 ohms, ±10%, ½ watt
R113	503318	18,000 ohms, ±10%, ½ watt
R114	14659	6800 ohms, ±5%, ½ watt
R115	14659	6800 ohms, ±5%, ½ watt
R116	504610	10 megohms, ±20%, ½ watt
R117	76803	Volume control and power switch
R118	503227	27,000 ohms, ±10%, ½ watt
R120	503433	330,000 ohms, ±10%, ½ watt
R121	504447	470,000 ohms, ±20%, ½ watt
R122	503318	100 ohms, ±10%, ½ watt
R123	76465	Wire wound, 330 ohms, 1 watt See T104
R124		
R125	504210	1000 ohms, ±20%, ½ watt
R126	504110	100 ohms, ±20%, ½ watt
R127	72632	3.3 megohms, ±5%, ½ watt
R128	503227	27,000 ohms, ±10%, ½ watt
R129	502422	220,000 ohms, ±5%, ½ watt
R130	502110	100 ohms, ±5%, ½ watt
R131	503347	47,000 ohms, ±10%, ½ watt
R132	503333	33,000 ohms, ±10%, ½ watt
R133	504110	100 ohms, ±20%, ½ watt
R134		See T105
R135	503210	1000 ohms, ±10%, ½ watt
R136	504410	100,000 ohms, ±20%, ½ watt
R137	503210	1000 ohms, ±10%, ½ watt
R138	502056	56 ohms, ±5%, ½ watt
R139	503333	33,000 ohms, ±10%, ½ watt
R140	504210	1000 ohms, ±20%, ½ watt
R141	14659	6800 ohms, ±5%, ½ watt
R141		8200 ohms, ±5%, ½ watt
R143	503310	10,000 ohms, ±10%, ½ watt
R144	30650	56,000 ohms, ±5%, ½ watt
R145	503415	150,000 ohms, ±10%, ½ watt
R146	34763	68 ohms, ±5%, ½ watt
R147	503310	10,000 ohms, ±10%, ½ watt
R148	503222	2200 ohms, ±10%, ½ watt
R149	30650	56,000 ohms, ±10%, ½ watt
R150	503282	8200 ohms, ±10%, ½ watt
R151	523310	10,000 ohms, ±10%, 2 watts
R152	503118	180 ohms, ±10%, ½ watt
R153	503339	39,000 ohms, ±10%, ½ watt
R154		See T109
R155	513268	6800 ohms, ±10%, 1 watt
R156	504210	1000 ohms, ±20%, ½ watt
R157	30694	3900 ohms, ±5%, ½ watt
R158	503268	6800 ohms, ±10%, ½ watt
R159	502043	43 ohms, ±5%, ½ watt
R160	504447	47,000 ohms, ±20%, ½ watt
R161		See L103
R162	503168	680 ohms, ±10%, ½ watt
R163	76642	Wire wound, 6750 ohms, 10 watts
R164	513256	5600 ohms, ±10%, 1 watt
R165	503210	1000 ohms, ±10%, ½ watt
R166		See L114
R167	76445	Picture control
R168	513310	10,000 ohms, ±10%, 1 watt
R169	503318	18,000 ohms, ±10%, ½ watt
R170	503415	150,000 ohms, ±10%, ½ watt
R171	503447	470,000 ohms, ±10%, ½ watt
R172	503415	150,000 ohms, ±10%, ½ watt
R173	502410	100,000 ohms, ±5%, ½ watt
R174	503122	220 ohms, ±10%, ½ watt. See L113
R175	76447	AGC control
R176	503222	2200 ohms, ±10%, ½ watt
R177	503582	8.2 megohms, ±10%, ½ watt
R178	503412	120,000 ohms, ±10%, ½ watt
R179	503539	3.9 megohms, ±10%, ½ watt
R180	503182	820 ohms, ±10%, ½ watt
R181	513312	12,000 ohms, ±10%, 1 watt
R182	503610	10 megohms, ±20%, ½ watt
R183	503212	1200 ohms, ±10%, ½ watt
R184	503427	270,000 ohms, ±10%, ½ watt
R185	503422	220,000 ohms, ±10%, ½ watt
R186	503582	8.2 megohms, ±10%, ½ watt
R187	503415	150,000 ohms, ±10%, ½ watt
R188	503447	470,000 ohms, ±10%, ½ watt
R189	503468	680,000 ohms, ±10%, ½ watt
R190	503447	470,000 ohms, ±10%, ½ watt
R191	503447	470,000 ohms, ±10%, ½ watt
R192	503515	1.5 megohms, ±10%, ½ watt
R193	503422	220,000 ohms, ±10%, ½ watt
R194	503322	22,000 ohms, ±10%, ½ watt
R195	503322	22,000 ohms, ±10%, ½ watt
R196	503322	22,000 ohms, ±10%, ½ watt
R196		47 μμf, 500 volts
R197	503282	8200 ohms, ±10%, ½ watt
R199	503610	10 megohms, ±10%, ½ watt
R200	502510	1 megohm, ±5%, ½ watt
R201	76443	Horizontal and vertical hold control (Sec. A, B)
R202	503482	820,000 ohms, ±10%, ½ watt
R203	76448	Height control
R204	504510	1 megohm, ±20%, ½ watt
R205	503310	10,000 ohms, ±10%, ½ watt
R206	76682	Wire wound, 200 ohms, 5 watts
R207	76497	Vertical peaking control
R208	503227	270 ohms, ±10%, ½ watt
R210	512368	68,000 ohms, ±5%, 1 watt
R211	503310	10,000 ohms, ±10%, ½ watt
R213	504533	3.3 megohms, ±20%, ½ watt
R214	76449	Vertical linearity control
R215	513201	200 ohms, ±10%, 1 watt
R216	503156	560 ohms, ±10%, ½ watt
R217	504415	150,000 ohms, ±20%, ½ watt
R218	76444	Ohms control
R219	503410	100,000 ohms, ±10%, ½ watt
R221	503415	150,000 ohms, ±10%, ½ watt
R222	503310	10,000 ohms, ±10%, ½ watt
R223	503482	820,000 ohms, ±10%, ½ watt
R224	512415	150,000 ohms, ±5%, 1 watt
R225	513368	68,000 ohms, ±10%, 1 watt
R226	513382	82,000 ohms, ±10%, 1 watt
R227	513368	68,000 ohms, ±10%, 1 watt
R228	503447	470,000 ohms, ±10%, ½ watt
R230	512368	68,000 ohms, ±5%, 1 watt
R231	512356	56,000 ohms, ±5%, 1 watt
R232	503510	1 megohm, ±10%, ½ watt
R233	504047	47 ohms, ±20%, ½ watt
R234	74015	Wire wound, 100 ohms, 2 watts
R235	523268	6200 ohms, ±10%, 2 watts
R236	503415	150,000 ohms, ±10%, ½ watt
R237	503422	220,000 ohms, ±10%, ½ watt
R242	76442	Wire wound, 1.5-ohms, ½ watt
R243	76499	Wire wound (Sec. A, B, C, D, E, F) comprising 1 section of 950 ohms, 16 watts, 1 section of 450 ohms, 6 watts, 1 section of 1500 ohms, 5 watts, 1 section of 1200 ohms, 1 watt, 1 section of 10,000 ohms, 5 watts, and 1 section of 7000 ohms, 5 watts
R246	513147	470 ohms, ±10%, 1 watt
R253	523282	8200 ohms, ±10%, 2 watts
R254	503318	18,000 ohms, ±10%, ½ watt
R255	503439	390,000 ohms, ±10%, ½ watt
R256	503439	390,000 ohms, ±10%, ½ watt
R257	513382	82,000 ohms, ±10%, 1 watt
R258	503333	33,000 ohms, ±10%, ½ watt
		SWITCHES
S1		See L1
S2		See L12
S3		See L22
S4		See L32
S5		See 142
S101	76493	Tone control and phono switch
S102		See R117
		TRANSFORMERS
T1	76528	Converter transformer
T2	76536	Antenna matching transformer complete T2, C24, C25, C26, C27, L58, L59, L60, L61, L62, J1
T101	76438	Sound IF transformer complete with adjustable cores T101, C103, C104
T102	76439	Ratio detector transformer complete with adjustable cores T102, C108, C109
T103	75520	Audio output transformer
T104	76432	First picture IF grid transformer complete with adjustable cores T104, C121, R124
T105	76434	First picture IF plate transformer complete with adjustable cores T105, C130, C131, R134
T106	76435	Second picture IF grid transformer complete with adjustable cores T106, C133
T107	76433	Third picture IF transformer
T108	76433	Fourth picture IF transformer
T109	76436	Fifth picture IF transformer incl. T109, C145, C147, CR101, L102, R154
T110	76437	Sound take-off transformer complete with adjustable cores T110, C148
T111	74144	Vertical oscillator transformer
T112	76494	Vertical output transformer
T113	76495	Power transformer, 115 volt, 60 cycle
T114	76440	Horizontal oscillator transformer complete with adjustable cores
T115	76501	High-voltage transformer less filament winding
	76672	Filament winding for high-voltage transformer

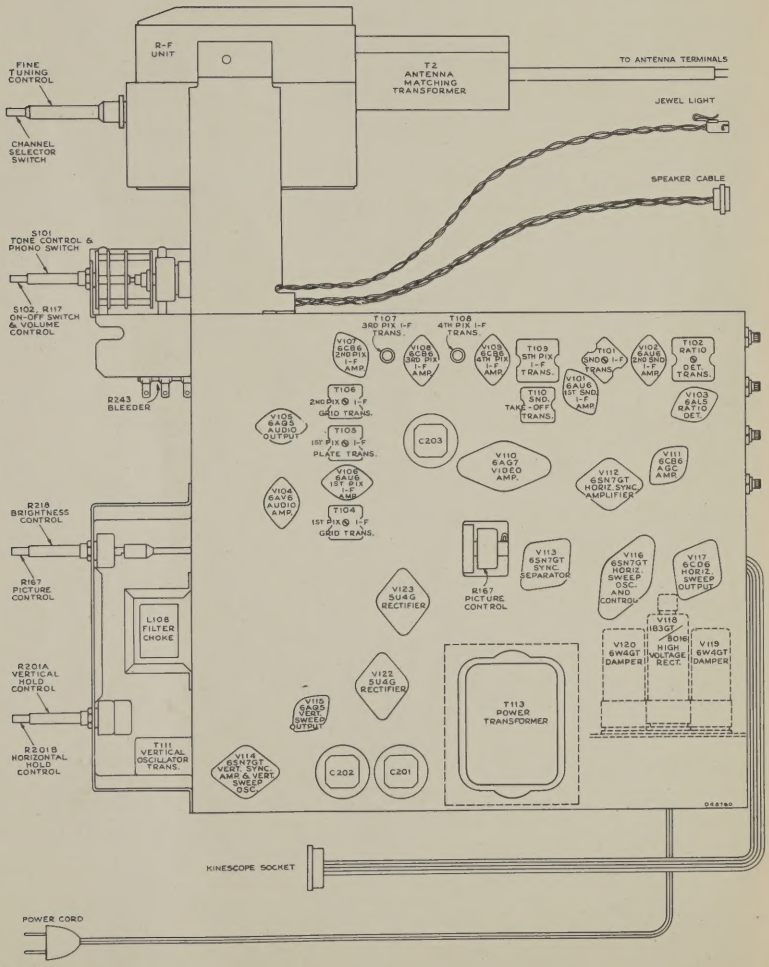
SECTION II

Parts Without Circuit-Symbol Numbers

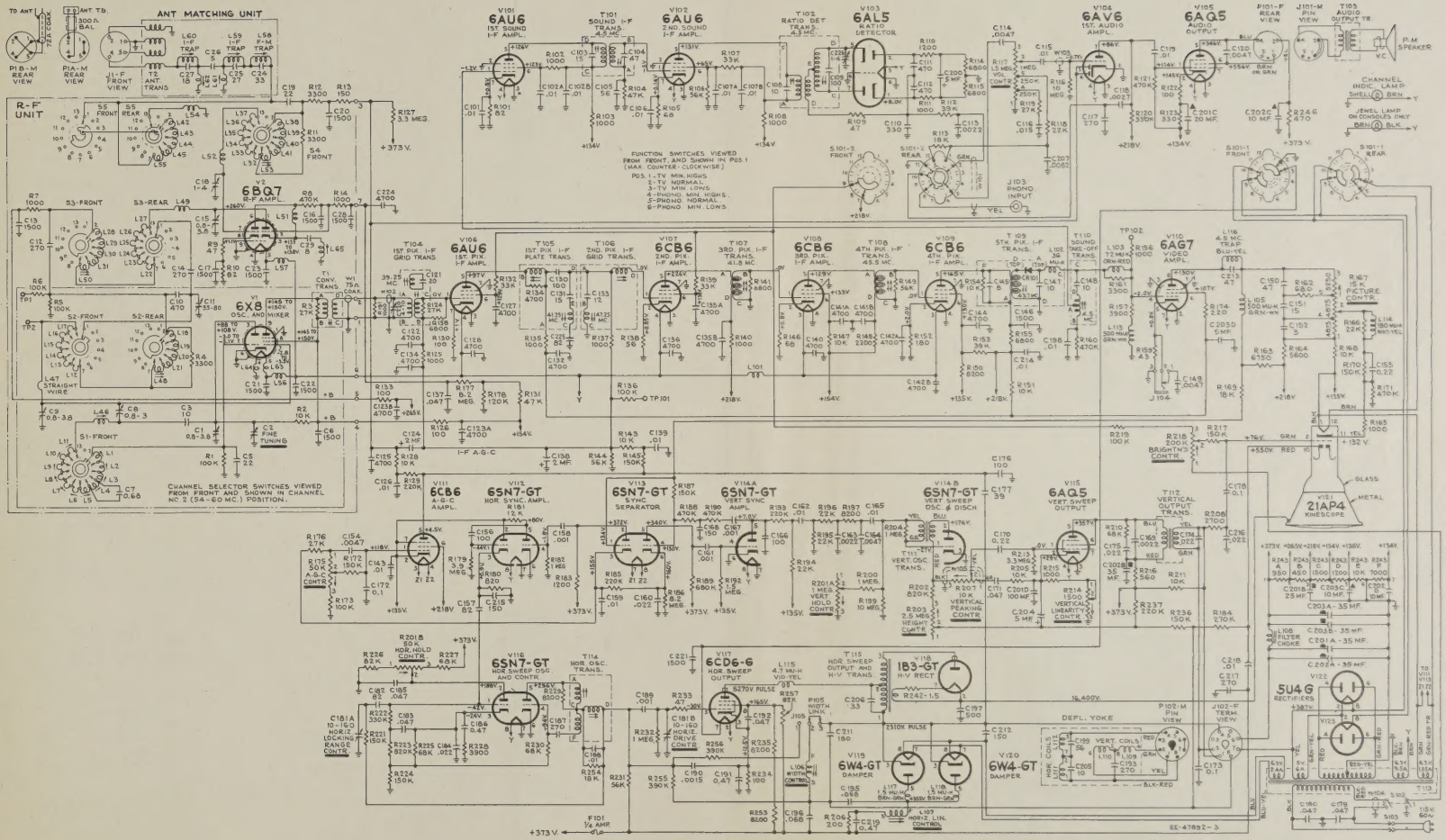
Stock No.	Description
	SPEAKER ASSEMBLIES **92569-14W** **RL-111A11** **RMA-274**
75682	Cone—Cone and voice coil assembly (3.2 ohms)
5039	Connector—4 contact male connector
76833	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less transformer and connector
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES **971494-1 W** **RL 111 82** **RMA 274**
76296	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
76389	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less transformer and plug
75520	Transformer—Output transformer
	NOTE: If stamping on speaker in instrument does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.

Continued on page 140, column 1


V2 6BJ7 R-F AMP.
V1 6X8 OSC. & MIXER
T2 ANTENNA MATCHING TRANSFORMER
T1 CONVERTER TRANSFORMER
TO ANTENNA TERMINALS
JEWEL LIGHT
SPEAKER CABLE
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S101 TONE CONTROL & PHONO SWITCH
S102 - R117 ON-OFF SWITCH & VOL. CONTROL
R243 BLEEDER
R203 HEIGHT CONTROL
T102 RATIO DET. TRANS.
V102 6AU8 2ND SND. AMP.
T101 2ND I-F TRANS.
T109 5TH PIX I-F TRANS.
V109 6CB6 4TH PIX AMP.
T108 4TH PIX I-F TRANS.
T107 3RD PIX I-F TRANS.
V108 6CB6 3RD PIX AMP.
V107 6CB6 2ND PIX AMP.
R207 VERT. PEAKING
R214
V103 6AL5 RATIO DET.
V101 6AU8 1ST SND. I-F AMP.
T110 TAKE-OFF TRANS.
T106 2ND PIX I-F GRID TRANS.
V105 6AV5 AUDIO OUTPUT
V111 6CB6 AGC AMP.
R209 HOR. LIN.
L107 HORIZ. LIN.
TEST POINT TP102
C203
T105 1ST PIX I-F PLATE TRANS.
L106 WIDTH
V112 6SN7GT HOR. SYNC AMP.
TEST POINT TP101
V110 6AG7 VIDEO AMP.
V106 6AU8 1ST PIX AMP.
V104 6AV5 AUDIO AMP.
T104 1ST PIX I-F GRID TRANS.
R218 BRIGHTNESS CONTROL
R218
V117 6CG8 HORIZ. SWEEP OUTPUT
V116 6SN7GT HORIZ. SWEEP OSC. & CONTROL
V113 6SN7GT SYNC. SEPARATOR
R167 PICTURE CONTROL
V123 5U4G RECTIFIER
T112 VERTICAL SWEEP OUTPUT TRANSFORMER
L108 FILTER CHOKE
R167 PICTURE CONTROL
V118 1B3GT/ 8016 HIGH VOLTAGE RECT.
V119 6W4GT DAMPER
V120 6W4GT DAMPER
C197
V122 5U4G RECTIFIER
R201A VERTICAL HOLD CONTROL
V115 6AQ5 VERT. SWP. OUTPUT
T113 POWER TRANSFORMER
T111 VERTICAL OSCILLATOR TRANSFORMER
R201B HORIZONTAL HOLD CONTROL
C201
C202
V114 6SN7GT VERT. SYNC AMP. & VERT. SWP. OSC.
D48198
KINESCOPE SOCKET
POWER CORD


R-F UNIT
T2 ANTENNA MATCHING TRANSFORMER
TO ANTENNA TERMINALS
JEWEL LIGHT
SPEAKER CABLE
FINE TUNING CONTROL
CHANNEL SELECTOR SWITCH
S101 TONE CONTROL & PHONO SWITCH
S102, R117 ON-OFF SWITCH & VOLUME CONTROL
R243 BLEEDER
R218 BRIGHTNESS CONTROL
R167 PICTURE CONTROL
L108 FILTER CHOKE
R201A VERTICAL HOLD CONTROL
R201B HORIZONTAL HOLD CONTROL
T111 VERTICAL OSCILLATOR TRANS.
V114 6SN7GT VERT. SYNC. AMP & VERT. SWEEP OSC.
V115 6A25 VERT. SWEEP OUTPUT
V122 5U4G RECTIFIER
V123 5U4G RECTIFIER
C202
C201
T113 POWER TRANSFORMER
V120 6W4GT DAMPER
V119 6W4GT DAMPER
V116 6SN7GT HORIZ. SWEEP OSC. AND CONTROL
V117 6CD6 HORIZ. SWEEP OUTPUT
V110 1B3GT
5016 HIGH VOLTAGE RECT.
V113 6SN7GT SYNC. SEPARATOR
R167 PICTURE CONTROL
V112 6SN7GT HORIZ. SYNC. AMPLIFIER
V111 6CB6 AGC AMP.
V110 6AG7 VIDEO AMP.
C203
V105 6AQ5 AUDIO OUTPUT
V104 6AV6 AUDIO AMP.
V106 6AU6 1ST PIX I-F AMP.
T104 1ST PIX I-F GRID TRANS.
T105 1ST PIX I-F PLATE TRANS.
T106 2ND PIX I-F GRID TRANS.
V107 6CB6 2ND PIX I-F AMP.
T107 3RD PIX I-F TRANS.
V108 6CB6 3RD PIX I-F AMP.
T108 4TH PIX I-F TRANS.
V109 6AU6 4TH PIX I-F AMP.
T109 5TH PIX I-F TRANS.
T110 SND. TAKE-OFF TRANS.
V101 6AU6 1ST SND. I-F AMP.
T101 SND. I-F TRANS.
V102 6AU6 2ND SND. I-F AMP.
T102 RATIO DET. TRANS.
V103 6AL5 RATIO DET.
KINESCOPE SOCKET
POWER CORD
D48T80

Circuit Diagram for Chassis Number KCS68C


ANT MATCHING UNIT
R-F UNIT
6BQ7 R-F AMPL.
6X8 OSC. AND MIXER
6AU6 1ST SOUND I-F AMPL.
6AU6 2ND SOUND I-F AMPL.
6AL5 RATIO DETECTOR
6AV6 1ST. AUDIO AMPL.
6AQ5 AUDIO OUTPUT
6AU6 1ST PIX. I-F GRID TRANS.
6AU6 1ST PIX. I-F AMPL.
6CB6 2ND PIX. I-F AMPL.
6CB6 3RD PIX. I-F AMPL.
6CB6 4TH PIX. I-F TRANS. 45.5 MC
6CB6 4TH PIX. I-F AMPL.
6AG7 VIDEO AMPL.
6CB6 A-G-C AMPL.
6SN7-GT HOR. SYNC. AMPL.
6SN7-GT SYNC SEPARATOR
6SN7-GT VERT. SYNC AMPL.
6SN7-GT VERT. SWEEP OSC. & PINCH
6AQ5 VERT. SWEEP OUTPUT
6SN7-GT HOR. SWEEP OSC. AND CONTR.
6CD6-G HOR. SWEEP OUTPUT
1B3-GT H-V RECT.
6W4-GT DAMPER
6W4-GT DAMPER
5U4-G RECTIFIERS
21AP4 KINESCOPE
FUNCTION SWITCHES VIEWED FROM FRONT, AND SHOWN IN POS. 1 (MAX. COUNTER-CLOCKWISE)
CHANNEL SELECTOR SWITCHES VIEWED FROM FRONT AND SHOWN IN CHANNEL NO. 2 (54-60 MC.) POSITION.
DEFL. YOKE
EE-47892-3

Model

21T176 Suffolk

21T177 Donley

21T178 Rockingham

21T179 Clarendon

Chassis Number

KCS 68 C

MODEL S1000

Continued from page 2

Stock No.	Description
	MISCELLANEOUS
74158	Back—Television chassis back cover
74541	Back—Cabinet bottom back cover
74540	Back—Radio chassis back cover
73465	Belt—Drive belt
72146	Bezel—P.B. bezel less buttons
74544	Bezel—Radio dial scale bezel less dial
72857	Board—"Ant" terminal board
75069	Board—R-F unit power connection termina' board
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding r-f oscillator tube shield
72151	Button—Push button—black
73696	Button—"Magic Monitor" push button—gold
72437	Cable—Shielded audio cable complete with pin plug
74545	Cable—Shielded pickup cable complete with pin plug for 45 RPM changer
73441	Cam—Fine tuning adjustment cam
73414	Cap—Hi-voltage rectifier and horizontal output plate cap
13103	Cap—Pilot lamp cap
73582	Capacitor—Electrolytic comprising 1 section of 40
71892	Catch—Bullet catch and strike
72157	Clip—P.B. bezel spring clip
X3033	Cloth—Grille cloth for mahogany instruments
X3105	Cloth—Grille cloth for oak instruments
74160	Connector—Anode connector
74160	Connector—Oscillator segment connector
74493	Connector—2 contact male connector for television to radio cable
72850	Connector—2 contact male connector for antenna cable
39153	Connector—4 contact male connector for television to radio cable
75063	Connector—9 contact male connector for power cable
75064	Connector—9 contact female connector for power cable
31567	Connector—3 contact male connector for interconnecting motor cable
30868	Connector—2 contact male connector for interconnecting motor cable
30868	Connector—2 contact female connector for motor cable for 45 RPM changer
35352	Connector—4 contact female connector for interconnecting cable
30870	Connector—2 contact male connector for motor cable for 45 RPM changer
71521	Contact—Hi-voltage capacitor contact
71457	Cord—Power cord and plug
74187	Core—Adjustable core for L31
73455	Core—Sliding core for fine tuning control trimmer
36765	Cover—Celluloid cover for call letter markers and "MM" marker
74581	Cover—Cover for mounting screw for 45 RPM changer (3 required)
74539	Cover—Button cover for 33/78 RPM changer—carriage
74619	Cover—Bottom cover for 45 RPM changer
71437	Cover—Insulating cover for electrolytics #71432, 73581 and 73583
72772	Cover—Insulating cover for electrolytic 71436
73590	Cushion—Deflection yoke hook cushion (2 required)
73612	Decal—Television control panel decal
72695	Decal—Radio control panel—L.H. decal (tone control, volume control and power switch)
74613	Decal—Radio control panel—R.H. (Selector switch and tuning control)
74273	Decal—Trade mark decal (Victrola)
73440	Detent—R-F unit detent mechanism and fibre shaft
73705	Dial—Glass dial scale
73180	Emblem—"RCA Victor" emblem
73642	Escutcheon—Television channel marker escutcheon
73453	Form—Coil form assembly for L9, L13
71487	Form—Coil form for oscillator plate coil L31
74609	Glass—Safety glass
37396	Grommet—Rubber grommet for mounting speaker (4 required)
11889	Grommet—Rubber grommet for mounting radio chassis
71799	Grommet—Rubber grommet for 2nd anode lead
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Door hinge (1 set) (4 required)
72036	Indicator—Station selector indicator
73222	Knob—Television fine tuning knob—dark—(outer)
72147	Knob—Radio selector switch knob—dark—(outer)
72148	Knob—Radio tone control knob—maroon—(outer)
72149	Knob—Radio tuning control knob—dark—(inner)
72150	Knob—Radio volume control and power switch knob—dark—(inner)
73224	Knob—Television channel selector knob—maroon—(inner)
73228	Knob—Television horizontal hold control knob—dark—(inner)
73226	Knob—Television picture control, brightness control or vertical hold control knob—dark—(outer)
73230	Knob—Television picture control or brightness control knobs—dark—(inner)
11765	Lamp—Dial or pilot lamp—Mazda #51
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to convertor trimmer loop connector
74148	Magnet—Ion trap magnet (P.M. type)
74543	Marker—"Magic Monitor" marker tab
74605	Mask—Kinescope masking panel
73634	Nut—Speed nut for drive belt shield
73467	Nut—Speed nut to mount trimmer coils 73443, 73444 and 73446
74208	Nut—Tee nut for mounting 45 RPM changer (3 required)
18469	Plate—Bakelite mounting plate for electrolytics
74166	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
74124	Plate—Stud plate and wing nut for control panel (2 required)
71448	Plug—Male plug for power cable
31572	Plug—3 contact female plug for motor cable
31048	Plug—Pin plug for shielded audio cable
73771	Pull—Door pull for upper doors (2 required)
73760	Pull—Door pull for lower doors (4 required) or for 33/78 RPM record changer drawer
73464	Pulley—Idler pulley
73154	Reactor—Filter choke
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer for fine tuning link stud
74271	Runner—45 RPM changer runner—R.H.
74272	Runner—45 RPM changer runner—L.H.
71476	Screw—#4-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
71475	Screw—#4-40 x .296 adjusting screw for coils L6, L21, L22, L23, L24
73640	Screw—#4-40 x ⅜" adjusting screw for L66
71456	Screw—#8-32 x ⅞" wing screw for deflection yoke mounting
75083	Screw—#8-32 x ¼" wing screw for deflection yoke mounting
74582	Screw—#8-32 x 1¼" special screw for mounting 45 RPM changer (3 required)
74279	Screw—#8-32 x ⅞" trimit head screw for upper doors door pull
74269	Screw—#8-32 x ¾" trimit head screw for door pull #73760 (2 required for each pull)
74167	Shaft—Actuating shaft for fine tuning control
74168	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tube shield for V1
73584	Shield—Tube shield for V120 and V121
74617	Slide—33/78 RPM changer slide and bracket—R.H.—(part of cabinet)
74618	Slide—33/78 RPM changer slide and bracket—L.H.—(part of cabinet)
74615	Slide—33/78 RPM changer slide—R.H.—(part of carriage)
74616	Slide—33/78 RPM changer slide—L.H.—(part of carriage)
31364	Socket—Pilot lamp socket
74251	Socket—Kinescope socket
71494	Socket—Tube socket
73450	Socket—Tube socket, ceramic, 7 prong
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
73249	Socket—Tube socket, ceramic, octal, plate mounted
31319	Socket—Tube socket, moulded, octal, saddle mounted
71508	Socket—Tube socket for 8016
74151	Spacer—Bakelite spacer to mount moulded tube socket
74936	Spring—Suspension spring for kinescope leads
72190	Spring—Hood and yoke pressure spring (3 required)
74152	Spring—Anode spring
74188	Spring—Retaining spring for adjustable core #74187
73457	Spring—Return spring for fine tuning control core
73456	Spring—Tension spring for drive belt shield
75068	Spring—Retaining spring for r-f oscillator tube shield
34053	Spring—Retaining spring for buttons #72151 and 73696
72845	Spring—Retaining spring for knobs #72147 and 73222
14270	Spring—Retaining spring for knobs #72148, 73224, 73226 and 73230
30330	Spring—Retaining spring for knobs #72150 and 73228
30900	Spring—Retaining spring for knob #72149
73643	Spring—Spring clip for channel marker escutcheon
72156	Spring—P.B. bezel spring
74423	Spring—Conical spring to mount 45 RPM changer—bottom (3 required)
74421	Spring—Conical spring to mount 45 RPM changer—upper R.H. (1 required)
74422	Spring—Conical spring to mount 45 RPM changer—upper L.H. (2 required)
72936	Stop—Door stop (3 required)
73185	Stop—Metal stop for 45 RPM changer trimit (2 required)
74161	Stud—Locating stud for cabinet back
74150	Support—Vertical plate support (bakelite)
74425	Support—Bakelite support for 2nd anode lead
74159	Support—Moulded support for kinescope (4 required)
73182	Track—45 RPM changer compartment track (2 required)
2917	Washer—"C" washer for channel selector shaft
73466	Washer—Insulating washers for front shield (1 set)

MODEL T100

Continued from page 6

Stock No.	Description
74735	Strap—Retaining strap for mounting kinescope
74596	Strap—Bakelite supports (1 set) for mounting hi-voltage rectifier tube mounting plate
73466	Washer—Insulating washer for front shield (1 set)
74577	Washer—Spring washer for fine tuning shaft and cam
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

MODEL T120, T121, TC124, TC125, TC127

Continued from page 10

Stock No.	Description
74595	Spring—Anode lead spring
73586	Spring—Compression spring used undes centering control screws (3 required)
74188	Spring—Retaining spring for adjustable core RCA 74187
75068	Spring—Retaining spring for r-f oscillator tube shield
30330	Spring—Retaining spring for knob #74000
72845	Spring—Retaining spring for knob #73994
14270	Spring—Retaining spring for knobs #73998, 74002 and 74885
73457	Spring—Return spring for fine tuning control core
73643	Spring—Spring clip for channel marker escutcheon
74936	Spring—Suspension spring (coil type) for kinescope socket leads
74810	Strap—Kinescope retaining strap
74596	Support—Bakelite supports (1 set) for mounting hi-voltage rectifier tube mounting plate
74157	Switch—Interlock switch
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

FOR MODELS TC124, TC125, and TC127

SECTION II

Parts Without Circuit-Symbol Numbers

Stock No.	Description
	SPEAKER ASSEMBLY 92569-7W RL111-9
13867	Cap—Dust cap
74901	Cone—Cone and voice coil assembly
5118	Plug—3-prong male plug for speaker
73635	Speaker—12" PM speaker complete with cone and voice coil less plug
	NOTE: If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instruments, number stamped on speaker and full description of part required.
	MISCELLANEOUS
74982	Back—Cabinet back for Model TC124
74968	Back—Cabinet back for Model TC125 and Model TC127
73465	Belt—Drive belt
72857	Board—"Ant" terminal board
75069	Board—R-F unit power connection terminal board (5 contact)
71599	Bracket—Pilot lamp bracket
75067	Bracket—Vertical bracket for holding r-f oscillator tube shield
73441	Cam—Fine tuning adjustment
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for doors (2 required) for Model TC127
X3092	Cloth—Grille cloth for mahogany or walnut instruments for Model TC124
X3093	Cloth—Grille cloth for oak instruments for Model TC124
X3094	Cloth—Grille cloth for mahogany or walnut instruments for Model TC125
X3089	Cloth—Grille cloth for oak instruments for Model TC125
X3074	Cloth—Grille cloth for mahogany or walnut instruments for Model TC127
X3075	Cloth—Grille cloth for oak instruments for Model TC127
74594	Connector—2 contact male connector for power cable
5119	Connector—3 contact female connector for speaker cable
39153	Connector—4 contact male connector for antenna cable
71789	Connector—Anode connector
71521	Connector—Hi-voltage capacitor connector
71493	Connector—Oscillator segment connector
71457	Cord—Power cord and plug
73455	Core—Sliding core for fine tuning control trimmer
74187	Core—Adjustable core for coil L9
71437	Cover—Insulating cover for electrolytics #71432, 73581 and 73582
74811	Cushion—Rubber cushion for kinescope mounting
73590	Cushion—Rubber cushion for deflection yoke hood (2 required)
74891	Cushion—Vinylite cushion for metal kinescope mask
74731	Decal—Control panel function decal for mahogany or walnut instruments
74732	Decal—Control panel function decal for oak instruments
71768	Decal—Trade mark decal for Model TC127
73440	Detent—R-F unit detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
73642	Escutcheon—Channel marker escutcheon for mahogany or walnut instruments
73740	Escutcheon—Channel marker escutcheon for oak instruments
71487	Form—Coil form for coil L31
73453	Form—Coil form assembly for L9, L13
74755	Glass—Safety glass for Models TC124 and TC127
74989	Glass—Safety glass for Model TC125
37396	Grommet—Rubber grommet for speaker mounting (4 required)
71799	Grommet—Rubber grommet for yoke horizontal lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set) (2 required) for Model TC127
74959	Knob—Fine tuning control knob—dark—(outer) for mahogany or walnut instruments—Models TC125 and TC127
73995	Knob—Fine tuning control knob—tan—(outer) for oak instruments
75027	Knob—Fine tuning control knob—chocolate brown—(outer) for mahogany or walnut instruments—Model TC124
74960	Knob—Channel selector knob—dark—(inner) for mahogany and walnut instruments—Models TC125 and TC127
74961	Knob—Channel selector knob—tan—(inner) for oak instruments
75028	Knob—Channel selector knob—chocolate brown—(inner) for mahogany or walnut instruments for Model TC124
74962	Knob—Brightness control or vertical hold control knob—dark—(outer) for mahogany or walnut instruments—Models TC125 and TC127
73999	Knob—Brightness control or vertical hold control knob—tan—(outer) for oak instruments
75029	Knob—Brightness control or vertical hold control knob—chocolate brown—(outer) for mahogany or walnut instruments for Model TC124
74969	Knob—Volume control and power switch knob—dark—for mahogany or walnut instruments for Models TC125 and TC127
74003	Knob—Volume control and power switch knob—tan—for oak instruments
75030	Knob—Volume control and power switch knob—chocolate brown—for mahogany or walnut instruments for Model TC124
74963	Knob—Picture control or horizontal hold control knob—dark—(inner) for mahogany or walnut instruments—Models TC125 and TC127
74001	Knob—Picture control or horizontal hold control knob—tan—(inner) for oak instruments
75031	Knob—Picture control or horizontal hold control knob—chocolate brown—(inner) for mahogany or walnut instruments for Model TC124
11765	Lamp—Pilot lamp—Mazda 51
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74823	Magnet—Ion trap magnet (P.M. type)
74730	Nail—Decorative head nail for grille bars (4 required) for Model TC127
73634	Nut—Speed nut for drive belt shield
73587	Nut—Speed nut to mount hi-voltage capacitor
74971	Plate—Back plate for door pulls (2 required) for Model TC127
18469	Plate—Bakelite mounting plate for electrolytics
73436	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
74970	Pull—Cabinet door pull (2 required) for Model TC127
73464	Pulley—Idler pulley
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
70881	Screw—#4-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
71475	Screw—#4-40 x 5/16" adjusting screw for L6
71476	Screw—#4-40 x 1/8" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x 1/4" adjusting screw for L6
74113	Screw—#8-32 x 1" trimit head screw for door pulls for Model TC127
74601	Screw—#8-32 x ¾" cross recessed binder head screw for focus coil mounting (2 required)
71456	Screw—#8-32 x ⅞" wing screw for deflection yoke mounting
75083	Screw—#8-32 x ¼" wing screw for deflection yoke mounting
74416	Screw—#10-32 x 1¾" cross recessed round head screw for kinescope retaining strap
74602	Screw—#10-32 x 1¾" cross recessed round head screw for focus coil adjustment (3 required)
73437	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
73439	Shaft—Actuating shaft for fine tuning control
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tube shield for V1
75443	Shield—"U" shaped shield for bottom of r-f unit
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
73117	Socket—Tube socket, 7 pin, miniature
72927	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal ceramic, plate mounted
71508	Socket—Tube socket for 8016
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
73450	Socket—Tube socket, ceramic, 7 prong, bottom mounted
74576	Spacer—Insulating spacer for front plate (4 required)
74595	Spring—Anode lead spring
73586	Spring—Compression spring used under centering control screws (3 required)
72845	Spring—Retaining spring for knobs #73995, 74959 and 75027
14270	Spring—Retaining spring for knobs #73999, 74003, 74960, 74961, 74962, 74969, 75028, 75029 and 75030
30330	Spring—Retaining spring for knobs #74001, 74963 and 75031
74188	Spring—Retaining spring for adjustable core RCA 74187
74578	Spring—Retaining spring for adjusting screw RCA 73460 and 74575
75068	Spring—Retaining spring for r-f oscillator tube shield
73457	Spring—Return spring for fine tuning control core
73643	Spring—Spring clip for channel marker escutcheon
74936	Spring—Suspension spring (coil type) for kinescope tube socket leads
72936	Stop—Door stop for Model TC127
74810	Strap—Kinescope retaining strap
74161	Stud—Locating stud for back covers
74596	Support—Bakelite supports (1 set) for mounting hi-voltage rectifier tube mounting plate
74157	Switch—Interlock switch
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

MODEL T164, TC165, TC166, TC167, TC168

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Stock No.	Description
73642	Escutcheon—Channel marker escutcheon for mahogany or walnut instruments
73740	Escutcheon—Channel marker escutcheon for oak or maple instruments
72113	Foot—Rubber foot (4 required) for Model T164
71487	Form—Coil form for coil L31
73453	Form—Coil form assembly for L9, L13
74975	Glass—Safety glass for Model T164
74606	Glass—Safety glass for Models TC165, TC166, TC167 and TC168
37396	Grommet—Rubber grommet to mount speaker (4 required) for Models TC165, TC167 and TC168
71799	Grommet—Rubber grommet for horizontal yoke lead exit or 2nd anode lead exit

Stock No.	Description
37396	Grommet—Ruber grommet for mounting ceramic tube socket
73200	Hinge—Drop panel hinge (2 required) for Model T164
74308	Hinge—Cabinet door hinge (1 set) (4 required for Model TC167 and 2 required for Model TC168)
75445	Hood—Deflection yoke hood less rubber cushions
74959	Knob—Fine tuning knob—dark—for mahogany or walnut instruments (outer)
73995	Knob—Fine tuning knob—tan—for oak or maple instruments (outer)
74960	Knob—Channel selector knob—dark—for mahogany or walnut instruments (inner)
74961	Knob—Channel selector knob—tan—for oak or maple instruments (inner)
74962	Knob—Tone control, brightness control or vertical hold control knob—dark—for walnut or mahogany instruments (outer)
73999	Knob—Tone control, brightness control, or vertical hold control—tan—for oak or maple instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—dark—for mahogany or walnut instruments (inner)
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for oak or maple instruments (inner)
11765	Lamp—Pilot lamp—Mazda 51—for Models TC165, TC166, TC167 and TC168
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74053	Magnet—Ion trap magnet (P.M.)
73634	Nut—Speed nut for drive belt shield
74450	Plate—Back plate for door pull (4 required) for Model TC167
18469	Plate—Bakelite mounting plate for electrolytics
75444	Plate—Bakelite plate complete with tube socket for high voltage rectifier
73436	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
74451	Pull—Door pull (4 required) for Model TC167
75021	Pull—Door pull (2 required) for Model TC168
73464	Pulley—Idler pulley
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
70881	Screw—#4-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
73640	Screw—#4-40 x ⅜" adjusting screw for L66
71475	Screw—#4-40 x 11/32" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x 11/32" adjusting screw for L6
74113	Screw—#8-32 x 1" trimit head screw for door pulls for Model TC167
74269	Screw—#8-32 x ¾" trimit head screw for door pull for Model TC168
74601	Screw—#8-32 x ⅜" cross recessed pan head screw for focus coil mounting (2 required)
71456	Screw—#8-32 x 7/16" wing screw for fastening support and bracket
75083	Screw—#8-32 wing screw for mounting deflection yoke
74602	Screw—#10-32 x 1¾" cross recessed round head screw for focus coil adjustments (3 required)
73437	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
73439	Shaft—Actuating shaft for fine tuning control
75443	Shield—"U" shaped shield for bottom of r-f unit
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tube shield for V1
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
72927	Socket—Tube socket, 9 pin, miniature
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket for KCS40A
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal, ceramic
71508	Socket—Tube socket for 1B3GT/8016
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
73450	Socket—Tube socket, ceramic, 7 prong, bottom mounted

Stock No.	Description
74576	Spacer—Insulating spacer for front plate (4 required)
74954	Spring—Compression spring for hood and yoke assembly (3 required)
74966	Spring—Formed spring for kinescope masking panel (8 required)
75068	Spring—Retaining spring for r-f oscillator tube shield
72845	Spring—Retaining spring for knobs #73995 and 74959
14270	Spring—Retaining spring for knobs #73995, 74960, 74961 and 74962
30330	Spring—Retaining spring for knobs #74001 and 74963
74188	Spring—Retaining spring for adjustable core RCA 74187
74578	Spring—Retaining spring for adjusting screws RCA 73640 and RCA 74575
73457	Spring—Return spring for fine tuning control core
73643	Spring—Spring clip for channel marker escutcheons
74936	Spring—Suspension spring (coil type) for kinescope socket leads
72936	Stop—Door stop (2 required for Model TC167 and 1 required for Model TC168)
74161	Stud—Locating stud for back (2 required)
74944	Support—Rubber support for 2nd anode lead
74948	Support—Bakelite supports (1 set) for mounting hi-voltage plate
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

MODEL TA128

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Stock No.	Description
74960	Knob—Channel selector knob—dark—for mahogany or walnut instruments (inner)
74961	Knob—Channel selector knob—tan—for oak instruments (inner)
74962	Knob—Vertical hold control, brightness control or tone control knob—dark—for mahogany or walnut instruments (outer)
73999	Knob—Vertical hold control, brightness control or tone control knob—tan—for oak instruments (outer)
74978	Knob—Tuning or selector switch knob—dark—for mahogany or walnut instruments (inner)
74963	Knob—Horizontal hold control, picture control or volume control and power switch knob—dark—for mahogany instruments (inner)
74001	Knob—Horizontal hold control, picture control or volume control and power switch knob—tan—for oak instruments (inner)
11765	Lamp—Dial or pilot lamp—Mazda 51
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74823	Magnet—Ion trap magnet
73587	Nut—Speed nut for mounting hi-voltage capacitor
73634	Nut—Speed nut for drive belt shield
74208	Nut—Tee nut to mount 45 RMP changer (3 required)
18469	Plate—Bakelite mounting plate for electrolytics
73436	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
75037	Pull—Door pull
73464	Pulley—Idler pulley
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
70881	Screw—#4-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
73640	Screw—#4-40 x ⅜" adjusting screw for L66
71475	Screw—#4-40 x 11/32" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x 11/32" adjusting screw for L6
74582	Screw—#8-32 x 1¾" special head screw to mount 45 RPM changer (3 required)

Stock No.	Description
75038	Screw—#8-32 x ½" trimit head cross-recessed screw for door pull
71456	Screw—#8-32 wing screw for deflection yoke
74601	Screw—#8-32 x ⅜" cross recessed binder head screw for focus coil mounting (2 required)
74602	Screw—#10-32 x 1¾" cross recessed binder head screw for focus coil adjustment (3 required)
74416	Screw—#10-32 x 1¾" cross recessed round head screw for kinescope retaining strap
73437	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
73439	Shaft—Actuating shaft for fine tuning control
74050	Slide—Station indicator slide
73117	Socket—Tube socket, 7 pin, miniature
72927	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket for 1B3GT/8016
31364	Socket—Pilot lamp socket
74834	Socket—Kinescope socket
74576	Spacer—Insulating spacer for front plate (4 required)
74595	Spring—Anode lead spring
73586	Spring—Compression spring for kinescope tube socket leads
74421	Spring—Conical spring to mount 45 RPM changer—lower—(3 required)
74423	Spring—Conical spring to mount 45 RPM changer—upper—L.H. (2 required)
75040	Spring—Mounting spring for 33/78 RPM record changer (4 required)
72845	Spring—Retaining spring for knobs #73999 and 74959
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962
30330	Spring—Retaining spring for knobs #74001 and 74963
74188	Spring—Retaining spring for adjustable core RCA 74187
74578	Spring—Retaining spring for adjusting screws RCA 73640 and RCA 74575
73457	Spring—Return spring for fine tuning control core
74055	Spring—Spring clip for dial and bezel assembly (2 required)
73643	Spring—Spring clip for channel marker escutcheon
74936	Spring—Suspension spring (coil type) for kinescope tube socket leads
70164	Stop—Door stop
74893	Strap—Kinescope retaining strap
74161	Stud—Locating stud for back cover (2 required)
74596	Supports—Bakelite supports (1 set) for mounting hi-voltage rectifier tube mounting plate
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

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Stock No.	Description
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74030	Grommet—Rubber grommet for mounting radio chassis (3 required)
72283	Grommet—Rubber grommet for mounting relay (2 required)
74308	Hinge—Television compartment door hinge (1 set)

Stock No.	Description
74896	Hinge—Record storage compartment door hinge (1 set)
70166	Hinge—Speaker compartment door hinge—upper
73200	Hinge—Speaker compartment door hinge—lower
74051	Indicator—Station selector indicator
74959	Knob—Fine tuning knob—dark—for mahogany or walnut instruments (outer)
73995	Knob—Fine tuning knob—tan—for oak instruments (outer)
74960	Knob—Channel selector knob—dark—for mahogany or walnut instruments (inner)
74961	Knob—Channel selector knob—tan—for oak instruments (inner)
74962	Knob—Vertical hold control, brightness control or tone control knob—dark—for mahogany or walnut instruments (outer)
73999	Knob—Vertical hold control, brightness control or tone control knob—tan—for oak instruments (outer)
74978	Knob—Radio tuning or selector switch knob—dark—for mahogany or walnut instruments (inner)
74979	Knob—Radio tuning or selector switch knob—tan—for oak instruments
74963	Knob—Horizontal hold control, picture control or volume control and power switch knob—dark—for mahogany or walnut instruments (inner)
74001	Knob—Horizontal hold control, picture control or volume control and power switch knob—tan—for oak instruments (inner)
11765	Lamp—Dial or pilot lamp, Mazda 51
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74148	Magnet—Ion trap magnet (P.M. type)
73634	Nut—Speed nut for drive belt shield
73587	Nut—Speed nut to mount hi-voltage capacitor
74208	Nut—Tee nut to mount 45 RPM changer (3 required)
18469	Plate—Bakelite mounting plate for electrolytics
73436	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
74897	Pull—Door pull (4 required)
73464	Pulley—Idler pulley
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
70881	Screw—#4-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
73640	Screw—#4-40 x ⅜" adjusting screw for L66
71475	Screw—#4-40 x 11/32" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x 11/32" adjusting screw for L6
74582	Screw—#8-32 x 1¾" special head screw to mount 45 RPM changer (3 required)
74269	Screw—#8-32 x ¾" trimit head screw for door pull (2 required for each pull)
71456	Screw—#8-32 wing screw for deflection yoke
74601	Screw—#8-32 x ⅜" cross recessed binder head screw for focus coil mounting (2 required)
74602	Screw—#10-32 x 1¾" cross recessed binder head screw for focus coil adjustment (3 required)
74416	Screw—#10-32 x 1¾" cross recessed round head screw for kinescope retaining strap
73437	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
73439	Shaft—Actuating shaft for fine tuning control
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tube shield for V1
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
74050	Slide—Station indicator slide
74835	Slide—Slide mechanism for 45 RPM drawer
74736	Slide—Slide mechanism for 33/78 RPM drawer
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
73117	Socket—Tube socket, 7 pin, miniature
72927	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket for 8016
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
73450	Socket—Tube socket, ceramic, 7 prong, bottom mounted
74576	Spacer—Insulating spacer for front plate (4 required)
74595	Spring—Anode lead spring

Stock No.	Description
73586	Spring—Compression spring used under centering control screws (3 required)
74421	Spring—Conical spring to mount 45 RPM changer—upper—R.H. (1 required)
74422	Spring—Conical spring to mount 45 RPM changer—upper—L.H. (2 required)
74423	Spring—Conical spring to mount 45 RPM changer—lower (3 required)
75040	Spring—Mounting spring for 33/78 RPM changer (4 required)
74188	Spring—Retaining spring for adjustable core RCA 74187
74578	Spring—Retaining spring for adjusting screws RCA 73640 and RCA 74575
73457	Spring—Return spring for fine tuning control core
73643	Spring—Spring clip for channel marker escutcheons
74055	Spring—Spring clip for dial and bezel assembly (2 required)
74936	Spring—Suspension spring for kinescope tube socket leads
74893	Strap—Kinescope retaining strap
74161	Stud—Locating stud for back cover
74596	Supports—Bakelite supports (1 set) for mounting hi-voltage rectifier tube mounting plate
74881	Switch—Electronic magnifier switch
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

MODEL TA169

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Stock No.	Description
71437	Cover—Insulating cover for electrolytics #71432 and 73581
74956	Cushion—Rubber cushion for yoke hood (2 required)
74273	Decal—Trade mark decal (Victrola)
74898	Decal—Control panel function decal for mahogany or walnut instruments
74899	Decal—Control panel function decal for oak instruments
73440	Detent—R-F unit detent mechanism and fibre shaft
74052	Dial—Dial scale and bezel assembly
74809	Emblem—"RCA Victor" emblem
73642	Escutcheon—Channel marker escutcheon for mahogany or walnut instruments
73740	Escutcheon—Channel marker escutcheon for oak instruments
71487	Form—Coil form for coil L31
73453	Form—Coil form assembly for L9, L13
74606	Glass—Safety glass
37396	Grommet—Rubber grommet to mount speaker (4 required)
74030	Grommet—Rubber grommet for mounting radio chassis
71799	Grommet—Rubber grommet for yoke horizontal lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinges (1 set) for RH or LH door
70166	Hinge—Cabinet door hinge for center door —upper
73200	Hinge—Cabinet door hinge for center door —lower
75445	Hood—Deflection yoke hood less rubber cushions
74051	Indicator—Station selector indicator
74959	Knob—Fine tuning knob—maroon—for mahogany or walnut instruments (outer)
73995	Knob—Fine tuning knob—tan—for oak instruments (outer)
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
74961	Knob—Channel selector knob—tan—for oak instruments (inner)

Stock No.	Description
74962	Knob—Vertical hold control, brightness control or tone control knob—maroon—for mahogany or walnut instruments (outer)
73999	Knob—Vertical hold control, brightness control or tone control knob—tan—for oak instruments (outer)
74978	Knob—Tuning or selector switch knob—maroon—for mahogany or walnut instruments
74979	Knob—Tuning or selector switch knob—tan—for oak instruments
74963	Knob—Horizontal hold control, picture control or volume control and power switch knob—maroon—for mahogany or walnut instruments
74001	Knob—Horizontal hold control, picture control or volume control and power switch knob—tan—for oak instruments (inner)
11765	Lamp—Dial or pilot lamp—Mazda 51
73442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74953	Magnet—Ion trap magnet (PM type)
73634	Nut—Speed nut for drive belt shield
74208	Nut—Tee nut to mount 45 RPM changer (3 required)
18469	Plate—Bakelite mounting plate for electrolytics
73436	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
74897	Pull—Door pull
73464	Pulley—Idler pulley
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
70881	Screw—#4-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
73640	Screw—#4-40 x ⅜" adjusting screw for L66
71475	Screw—#4-40 x 11/32" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#4-40 x 11/32" adjusting screw for L6
74582	Screw—#8-32 x 1¾" special screw to mount 45 RPM changer (3 required)
74156	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus coil support and bracket
75038	Screw—#8-32 x ½" trimit head screw for door pull
75083	Screw—#8-32 x ¼" wing screw for deflection yoke mounting
74601	Screw—#8-32 x ⅜" cross recessed pan head screw for focus coil mounting (2 required)
74602	Screw—#10-32 x 1¾" cross recessed round head screw for focus coil adjustments (3 required)
73437	Shaft—Channel selector shaft complete with pawl and stud
73438	Shaft—Fine tuning control shaft and pulley
73439	Shaft—Actuating shaft for fine tuning control
75443	Shield—"U" shape shield for bottom of r-f unit
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tube shield for V1
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
74050	Slide—Station indicator slide
74736	Slide—Slide mechanism for changer carriages
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
73117	Socket—Tube socket, 7 pin, miniature
72927	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket, 8 contact for 1B3 GT/8016
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
73450	Socket—Tube socket, ceramic, 7 prong, bottom mounted
74576	Spacer—Insulating spacer for front plate (4 required)
74954	Spring—Compression spring used under centering control screws (3 required)
74421	Spring—Conical spring to mount 45 RPM changer—upper R.H. (1 required)
74422	Spring—Conical spring to mount 45 RPM changer—upper L.H. (2 required)
74423	Spring—Conical spring to mount 45 RPM changer—lower—(3 required)
74966	Spring—Formed spring for kinescope masking panel (8 required)

Stock No.	Description
72845	Spring—Retaining spring for knobs #73995 and 74959
14270	Spring—Retaining spring for knobs 73999, 74960, 74961 and 74962
30330	Spring—Retaining spring for knobs 74001 and 74963
74188	Spring—Retaining spring for adjustable core RCA 74187
74578	Spring—Retaining spring for adjusting screws RCA 73640 and RCA 74575
75068	Spring—Retaining spring for R-F oscillator tube shield
73457	Spring—Return spring for fine tuning control core
73643	Spring—Spring clip for channel marker escutcheon
74055	Spring—Spring clip for dial and bezel assembly (2 required)
74936	Spring—Suspension spring (coil type) for kinescope socket leads
75447	Stud—Capacitor stud—brass, #4-40 x 1⅜" with ⅜₂" screwdriver slot for trimmer coils 74109 and 74110, coded numerically or "Hi Q"
72936	Stop—Door stop
74161	Stud—Locating stud for back cover (2 required)
74944	Support—Rubber support for 2nd anode lead
74948	Support—Bakelite support (1 set) for mounting hi-voltage plate
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam
75146	Washer—"C" washer for mounting 33/78 RPM changer (2 required)

MODEL 2T51, 2T60

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Stock No.	Description
74809	Emblem—"RCA Victor" emblem
75499	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments (Model 2T60) or plastic instruments (Model 2T51)
75501	Escutcheon—Channel marker escutcheon—light—for oak instruments (Model 2T60)
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
73453	Form—Coil form for L45 and L49
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
75468	Glass—Safety glass (Model 2T51)
75478	Glass—Safety glass (Model 2T60)
16058	Grommet—Rubber grommet for 2nd anode lead exit
75206	Hood—Deflection yoke hood complete with cushions
74962	Knob—Brightness control or vertical hold control knob—maroon—for mahogany instruments (Model 2T60) or plastic instruments (Model 2T51) (outer)
75463	Knob—Brightness control or vertical hold control knob—beige—for oak instruments (outer) (Model 2T60)
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (Model 2T60) or plastic instruments (Model 2T51) (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner) (Model 2T60)
74959	Knob—Fine tuning control knob—maroon—for mahogany or walnut instruments (Model 2T60) or plastic instruments (Model 2T51) (outer)
75461	Knob—Fine tuning control knob—beige—for oak instruments (outer) (Model 2T60)
74963	Knob—Picture control or horizontal hold control knob—maroon—for mahogany or walnut instruments (Model 2T60) or plastic instruments (Model 2T51) (inner)
75464	Knob—Picture control or horizontal hold control knob—beige—for oak instruments (inner) (Model 2T60)
74969	Knob—Volume control and power switch knob—maroon—for mahogany or walnut instruments (Model 2T60) or plastic instruments (Model 2T51)
75503	Knob—Volume control and power switch knob—beige—for oak instruments (dual) (Model 2T60)

Stock No.	Description
11765	Lamp—Pilot lamp—RCA 51 for Model 2T60
75165	Link—Link assembly for fine tuning
75205	Magnet—Focus magnet complete with adjustable plate and stud
74148	Magnet—Ion trap magnet (P.M. type)
75469	Mask—Kinescope masking panel (metal) (Model 2T51)
75477	Mask—Kinescope masking panel (metal) (Model 2T60)
33225	Nut—Speed nut to fasten antenna in cabinet or to fasten masking panel to cabinet (Model 2T51)
75234	Pad—Rubber pad (3" long) for junction of kinescope straps
75225	Pad—Rubber pad to mount kinescope (4 required)
18469	Plate—Bakelite mounting plate for electrolytic C161, C162
75147	Plate—High-voltage transformer mounting plate (bakelite) complete with tube socket less transformer
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
75083	Screw—#8-32 x ¼" wing screw to mount deflection yoke
75236	Screw—#8-32 x ⅜" cross recess binder head screw for focus magnet mounting (2 required)
74602	Screw—#10-32 x 1¼" cross recessed round head screw for focus magnet adjustment
74416	Screw—#10-32 x 1¾" hex head screw to fasten kinescope retaining straps
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and convertor sections shield for rf unit—snap-on type
75232	Shield—RF unit shield
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73521	Shield—Tube shield for V105, V117
73584	Shield—Tube shield for V104 and V116
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket (Model 2T60)
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
60942	Socket—Tube socket, 6 contact, steatite for 6AU5GT & 6W4GT
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75222	Socket—Tube socket, octal, ceramic, plate mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
75191	Spacer—Insulating spacer for front plate (4 required)
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs 74959 and 75461
30330	Spring—Retaining spring for knobs 74963 and 75464
14270	Spring—Retaining spring for knobs 74960, 74962, 74969, 75462, 75463 and 75503
73457	Spring—Return spring for tuning control
75239	Spring—Suspension spring for 2nd anode lead
75227	Strap—Kinescope retaining strap (metal)—upper
75226	Strap—Kinescope retaining strap (metal)—lower
75231	Strap—Mounting strap for deflection yoke hood (2 required)
75170	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75169	Strip—Coil segment mounting strip—RH center
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"

Stock No.	Description
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75451	Tubing—Insulated tubing for kinescope straps (30¾")
75500	Washer—Felt washer
75190	Washer—Insulating washer (neoprene) for capacitor C7
73466	Washer—Insulating washer (round)

MODEL 2T81

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Stock No.	Description
74001	Knob—Television picture control or television horizontal hold control knob—tan—for oak instruments (inner)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
75205	Magnet—Focus magnet complete with adjustable plate and stud
74148	Magnet—Ion trap magnet (P.M. type)
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments
75460	Mask—Channel indicator light mask—gold—for oak instruments
75890	Mask—Kinescope masking panel
73634	Nut—Speed nut for speaker mounting screws
75225	Pad—Rubber pad to mount kinescope (4 required)
75234	Pad—Rubber pad (3" long) for junction of kinescope straps
18469	Plate—Bakelite mounting plate for electrolytic C161, C162
75147	Plate—High-voltage transformer mounting plate (bakelite) complete with tube socket less transformer
75888	Pull—Door pull
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
73640	Screw—#4-40 x 7/16" adjusting screw for L52
74269	Screw—#8-32 x ⅜" trimit head screw for door pull
75083	Screw—#8-32 x ¼" wing screw to mount deflection yoke
75236	Screw—#8-32 x ⅜" cross-recessed binder head screw to mount focus magnet
74602	Screw—#10-32 x 1¼" cross-recessed round head screw for focus magnet adjustment
74416	Screw—#10-32 x 1¾" hex head screw to hold kinescope straps together
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for connector, RCA 75703
75708	Shell—Shell for connector for RCA 75709
75711	Shell—Shell for connector, RCA 75710
73521	Shield—Tube shield for V104 and V105
73584	Shield—Tube shield for V117 and V118
75232	Shield—RF unit shield
75168	Shield—Oscillator and convertor sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
75222	Socket—Tube socket, octal, ceramic, plate mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
60942	Socket—Tube socket, 6 contact, steatite for V112 and V114
75718	Socket—Socket and clamp complete with 7" lead for channel indicator lamp
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket

Stock No.	Description
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
73457	Spring—Return spring for fine tuning control
72845	Spring—Retaining spring for knobs 73995 and 74959
14270	Spring—Retaining spring for knobs 73996, 73997, 73999, 74003, 74962 and 74969
30330	Spring—Retaining spring for knobs 74001 and 74963
74734	Spring—Retaining spring for knobs 75712, 75713, 75714, and 75715
73643	Spring—Spring clip for channel marker escutcheon
75691	Spring—Suspension spring (coil type) for main cable
75239	Spring—Suspension spring for 2nd anode lead
75226	Strap—Kinescope retaining strap (metal)—upper
75227	Strap—Kinescope retaining strap (metal)—lower
75231	Strap—Mounting strap for deflection yoke hood (2 required)
72936	Stop—Door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screwdriver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screwdriver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75451	Tubing—Insulated tubing for kinescope strap (30¾")
75457	Washer—Felt washer—dark brown—between knob and channel marker escutcheon for mahogany or walnut instruments
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for television compartment back cover
73466	Washer—Insulating washer (round)
75190	Washer—Insulating washer (neoprene) for capacitor C7

MODEL 4T101

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Stock No.	Description
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75083	Screw—#8-32 x 5/16" wing screw for mounting deflection yoke
75236	Screw—#8-32 x ⅜" cross recessed binder head screw for focus magnet mounting (2 required)
76152	Screw—#10-32 x 1½" cross recessed round head screw for focus magnet adjustment
76151	Screw—#10-32 x 1" hex head screw to fasten kinescope retaining straps (2 required)
76133	Shaft—Channel selector shaft and plate
76134	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type

Stock No.	Description
76147	Shield—RF unit shield
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield for V104, V116
73521	Shield—Tube shield for V105, V117
74834	Socket—Kinescope socket
75222	Socket—Tube socket, octal, ceramic, plate mounted
60942	Socket—Tube socket, 6 contact, steatite
31251	Socket—Tube socket, octal, wafer
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
75191	Spacer—Insulating spacer for front plate (4 required)
76148	Spring—Compression spring for focus magnet adjustment (3 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs #73995 & 74959
14270	Spring—Retaining spring for knobs #73996, 73997, 73999, 74003, 74962 & 74969
30330	Spring—Retaining spring for knobs #74001 & 74963
74734	Spring—Retaining spring for knobs #75714 & 75715
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
76149	Spring—Suspension spring for 2nd anode lead
74936	Spring—Suspension spring for kinescope leads

Stock No.	Description
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
76137	Magnet—Focus magnet complete with adjustable plate and stud
76141	Magnet—Ion trap magnet
75460	Mask—Channel indicator light mask—gold—for oak instruments
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments
76166	Mask—Polystyrene masking panel
73634	Nut—Speed nut for speaker mounting screws
76144	Pad—Rubber pad for kinescope mounting strap (bottom) (4 req'd)
18469	Plate—Bakelite mounting plate for electrolytic C161, C162
76754	Plate—Front plate and shaft bearing
76153	Plate—High-voltage transformer mounting plate (bakelite) complete with tube socket less transformer
75888	Pull—Door pull
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
74269	Screw—#8-32 x ¾" trimit head screw for door pull
75083	Screw—#8-32 x 5/16" wing screw for mounting deflection yoke
75236	Screw—#8-32 x ⅜" cross recessed binder head screw for focus magnet mounting (2 required)
76151	Screw—#10-32 x 1" hex head screw to fasten kinescope retaining straps
76152	Screw—#10-32 x 1½" cross recessed round head screw for focus magnet adjustment (2 required)
76133	Shaft—Channel selector shaft and plate
76134	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for 5 contact male connector P101
75708	Shell—Shell for 8 contact female connector P6
75711	Shell—Shell for 5 contact female connector P8
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type
76147	Shield—RF unit shield
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73521	Shield—Tube shield for V105, V117
73584	Shield—Tube shield for V104, V116
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
73117	Socket—Tube socket, 7 pin, miniature
75222	Socket—Tube socket, octal, ceramic, plate mounted
75223	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal, wafer
60942	Socket—Tube socket, 6 contact, steatite
71508	Socket—Tube socket, 6 contact, moulded
75191	Spacer—Insulating spacer for front plate (4 required)
76148	Spring—Compression spring for focus magnet adjustment (3 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs #73995 & 74959
14270	Spring—Retaining spring for knobs #73996, 73997, 73999, 74003, 74962 & 74969
30330	Spring—Retaining spring for knobs #74001 & 74963
74734	Spring—Retaining spring for knobs #75714 & 75715
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
76149	Spring—Suspension spring for 2nd anode lead
74936	Spring—Suspension spring for kinescope leads

MODEL 4T141

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Stock No.	Description
74962	Knob—Television brightness control or television vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
73999	Knob—Television brightness control or television vertical hold control knob—tan—for oak instruments (outer)
74969	Knob—Television channel marker light switch knob—maroon—for mahogany or walnut instruments
74003	Knob—Television channel marker light switch knob—tan—for oak instruments
74963	Knob—Television picture control or television horizontal hold control knob—maroon—for mahogany or walnut instruments (inner)
74001	Knob—Television picture control or television horizontal hold knob—tan—for oak instruments

Stock No.	Description
75691	Spring—Suspension spring (coil type) for main cable
74038	Spring—Tension spring for ground braid
72936	Stop—Cabinet door stop
76145	Strap—Kinescope retaining strap—upper
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
76636	Stud—Adjusting stud complete with guard for focus magnet
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75451	Tubing—Insulated tubing for kinescope strap (23")
75190	Washer—Insulating washer (neoprene) for capacitor C7
73466	Washer—Insulating washer (round)
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for oak instruments

MODEL 6T53, 6T54 6T64, 6T65, 6T71 6T74, 6T75, 6T76

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Stock No.	Description
X3129	Cloth—Grille cloth (Model 6T75)
X3130	Cloth—Grille cloth (Model 6T76)
39153	Connector—4 contact male connector for antenna cable
74594	Connector—2 contact male connector for power cord
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector assembly contact only
71457	Cord—Power cord and plug
71498	Core—Adjustable core and stud for FM trap L203
75187	Core—Adjustable core for fine tuning capacitor C2
75531	Cover—Control cover assembly, including drop panel hinges and emblem
75608	Cushion—Dust seal cushion (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75440	Decal—Control function panel decal for mahogany or walnut instruments (Models 6T64, 6T65, 6T71, 6T74, 6T76)
75441	Decal—Control panel function decal for oak instruments or maple instruments (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76) and walnut instruments (Model 6T76)
75532	Decal—Control panel function decal (Models 6T53, 6T54)
76003	Decal—Decorative decal (3 gold stripes) for front of 6T54 cabinet
71984	Decal—Trade mark decal (Models 6T74 and 6T75)
71768	Decal—Trade mark decal (Model 6T76)
71910	Decal—Trade mark decal (Model 6T71)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
73180	Emblem—"RCA Victor" emblem (Models 6T53, 6T54)
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut cabinets (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple cabinets (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75499	Escutcheon—Channel marker escutcheon—dark—for metal cabinet (Models 6T53, 6T54)

Stock No.	Description
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
74889	Feet—Felt feet for metal cabinet (Models 6T53, 6T54)
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75530	Glass—Safety glass (Models 6T53, 6T54)
75439	Grille—Metal grille (Model 6T71)
37396	Grommet—Rubber grommet for speaker mounting (4 required) for Models 6T65, 6T71, 6T74, 6T75 and 6T76
16058	Grommet—Rubber grommet to 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set) (Models 6T71, 6T74, 6T75, 6T76)
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly
74960	Knob—Channel selector knob — maroon — for mahogany, walnut or metal instruments (inner)
74961	Knob—Channel selector knob — tan — for maple instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74959	Knob—Fine tuning knob — maroon — for mahogany, walnut or metal instruments (outer)
73995	Knob—Fine tuning knob—tan—for maple instruments (outer)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany, walnut or metal instruments (inner)
74962	Knob—Tone control, brightness control or vertical hold control knob—maroon—for mahogany, walnut or metal instruments (outer)
73999	Knob—Tone control, brightness control or vertical hold control knob—tan—for maple instruments (outer)
75463	Knob—Tone control, brightness control or vertical hold control knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel indicator lamp—RCA 51 (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud
74953	Magnet—Ion trap magnet (P.M.)
75460	Mask—Light mask—gold—for oak or maple instruments
75459	Mask—Light mask—burgundy—for mahogany or walnut instruments
73634	Nut—Speed nut for speaker mounting screws (4 required) (Models 6T65, 6T71, 6T74, 6T75, 6T76)
75518	Plate—High-voltage plate—bakelite — less transformer, capacitor and tube socket
75526	Pull—Cabinet door pull (center of door) (Model 6T74)
75527	Pull—Cabinet door pull (top of door) (Model 6T74)
75528	Pull—Cabinet door pull — RH (Model 6T76)
75529	Pull—Cabinet door pull — RH (Model 6T74)
75438	Pull—Door pull (Model 6T71)
75527	Pull—Cabinet door pull (top of door) (Model 6T74)
75528	Pull—Cabinet door pull — RH (Model 6T76)
75529	Pull—Cabinet door pull — LH (Model 6T74)
75438	Pull—Doorpull (Model 6T71)
14343	Retainer—Fine tuning shaft retaining ring
75533	Retainer—Snap-on moulding and retainer for safety glass (Models 6T53, 6T54)
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x 1/4" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x 3/8" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
75083	Screw—#8-32 x 1/4" wing screw for mounting deflection yoke
75236	Screw—#8-32 x 3/4" binder head brass machine screw to mount focus magnet (2 required)

Stock No.	Description
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
74307	Screw—#8-32 x 1¼" trimit head screw for door pull (Model 6T71)
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and convertor sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator light socket (consoles only)
74834	Socket—Kinescope socket
31364	Socket—Pilot light socket (consoles only)
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
71508	Socket—Tube socket, for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded, for V113
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
74966	Spring—Formed spring for kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
72845	Spring—Retaining spring for knobs #73999, 74959 and 75461
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462 and 75463
30330	Spring—Retaining spring for knobs #74001, 74963 and 75465
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
72936	Stop—Cabinet door stop (Models 6T71, 6T74, 6T75, 6T76)
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75169	Strip—Coil segment mounting strip—RH center
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1, uncoded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1, coded numerically and "Hi Q"
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75506	Support—Bakelite support only—part of high-voltage shield
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
75457	Washer—Felt washer—dark brown between knob and channel marker escutcheon for mahogany or walnut instruments
75500	Washer—Felt washer for cabinet back screws
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for maple instruments (Model 6T76)
75607	Washer—Insulating washer (hex)
75190	Washer—Insulating washer (neoprene) for capacitor C7

MODEL 6T53, 6T54 6T64, 6T65, 6T71 6T74, 6T75, 6T76

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Stock No.	Description
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
71892	Catch—Cabinet doors bullet catch and strike (Models 6T71, 6T74, 6T75, 6T76)
75167	Clip—Tubular clip for mounting stand-off capacitors
X3120	Cloth—Grille cloth for mahogany or walnut instruments (Model 6T71)
X3123	Cloth—Grille cloth for mahogany or walnut instruments (Models 6T64, 6T74, 6T65)
X3090	Cloth—Grille cloth for oak instruments (Models 6T64, 6T65, 6T71, 6T74)
X3129	Cloth—Grille cloth (Model 6T75)
X3130	Cloth—Grille cloth (Model 6T76)
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector assembly contact only
75187	Core—Adjustable core for fine tuning capacitor C2
75531	Cover—Control cover assembly, including drop panel hinges and emblem
75608	Cushion—Dust seal cushion (rubber)
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
76003	Decal—Decorative decal (3 gold stripes) for front of 6T54 cabinet
71984	Decal—Trade mark decal (Models 6T74 and 6T75)
71768	Decal—Trade mark decal (Model 6T76)
71910	Decal—Trade mark decal (Model 6T71)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
73180	Emblem—"RCA Victor" emblem (Models 6T53, 6T54)
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple cabinets (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75499	Escutcheon—Channel marker escutcheon—dark—for metal cabinet (Models 6T53, 6T54)
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
74889	Feet—Felt feet for metal cabinet (Models 6T53, 6T54)
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75530	Glass—Safety glass (Models 6T53, 6T54)
75439	Grille—Metal grille (Model 6T71)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
37396	Grommet—Rubber grommet for speaker mounting (4 required) for Models 6T65, 6T71, 6T74, 6T75 and 6T76
75445	Hood—Deflection yoke hood less rubber cushions
74308	Hinge—Cabinet door hinge (1 set) (Models 6T71, 6T74, 6T75, 6T76)
75644	Insulator—2nd anode insulator assembly
74960	Knob—Channel selector knob—maroon—for mahogany, walnut or metal instruments (inner)
74961	Knob—Channel selector knob — tan — for maple instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74959	Knob—Fine tuning knob—maroon—for mahogany, walnut or metal instruments (outer)
73995	Knob—Fine tuning knob—tan—for maple instruments (outer)

Stock No.	Description
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany, walnut or metal instruments (inner)
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74962	Knob—Tone control, brightness control or vertical hold control knob—maroon—for mahogany, walnut or metal instruments (outer)
73999	Knob—Tone control, brightness control or vertical hold control knob — tan — for maple instruments (outer)
75463	Knob—Tone control, brightness control or vertical hold control knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel indicator lamp—RCA 51 (Models 6T64, 6T65, 6T71, 6T74, 6T75, 6T76)
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud
74953	Magnet—Ion trap magnet (P.M.)
75460	Mask—Light mask — gold — for oak or maple instruments
75459	Mask—Light mask—burgundy—for mahogany or walnut instruments
73634	Nut—Speed nut for speaker mounting screws (4 required) (Models 6T65, 6T71, 6T74, 6T75, 6T76)
75518	Plate—High-voltage plate—bakelite — less transformer, capacitor and tube socket
75526	Pull—Cabinet door pull (center of door) (Model 6T74)
75527	Pull—Cabinet door pull (top of door) (Model 6T74)
75528	Pull—Cabinet door pull — RH (Model 6T76)
75529	Pull—Cabinet door pull — RH (Model 6T74)
75438	Pull—Door pull (Model 6T71)
14343	Retainer—Fine tuning shaft retaining ring
75533	Retainer—Snap-on moulding and retainer for safety glass (Models 6T53, 6T54)
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71476	Screw—#4-40 x 1/4" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x 3/8" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
75236	Screw—#8-32 x 3/4" binder head brass machine screw to mount focus magnet (2 required)
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
74307	Screw—#8-32 x 1¼" trimit head screw for door pull (Model 6T71)
75083	Screw—#8-32 x 1/4" wing screw for mounting deflection yoke
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
73584	Shield—Tube shield
75233	Spring—Compression spring for focus magnet adjustment (3 required)
74966	Spring—Formed spring for kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
72845	Spring—Retaining spring for knobs #73995, 74959 and 75461
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462 and 75463
30330	Spring—Retaining spring for knobs #74001, 74963 and 75465
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and convertor sections shield for rf unit—snap-on type

Stock No.	Description
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
75718	Socket—Channel indicator light socket (consoles only)
74834	Socket—Kinescope socket
31364	Socket—Pilot light socket (consoles only)
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
71508	Socket—Tube socket, for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded, for V113
75191	Spacer—Insulating spacer for front plate (4 required)
72936	Stop—Cabinet door stop (Models 6T71, 6T74, 6T75, 6T76)
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1, uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1, coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75457	Washer—Felt washer—dark brown between knob and channel marker escutcheon for mahogany or walnut instruments
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back screws
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 6T72

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Stock No.	Description
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
74962	Knob—Tone control, brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
75463	Knob—Tone control, brightness control or vertical hold control knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75442	Link—Link assembly for fine tuning
71462	Loop—Oscillator to converter trimmer loop connector
74953	Magnet—Ion trap magnet (P.M. type)
75460	Mask—Light mask — gold for channel marker escutcheon for oak instruments
75459	Mask—Light mask—burgundy for channel marker escutcheon for mahogany or walnut instruments
73634	Nut—Speed nut for drive belt shield
18469	Plate—Bakelite mounting plate for electrolytics
75444	Plate—Bakelite plate complete with tube sockets (2) for high-voltage rectifier
74435	Plate—Front plate and bushing
74162	Plate—Mounting plate for interlock switch
73464	Pulley—Idler pulley
75438	Pull—Door pull
14343	Retainer—Channel selector shaft retaining ring
30340	Retainer—Retainer ring for fine tuning stud
73640	Screw—#4-40 x 5/8" adjusting screw for L66

Stock No.	Description
71475	Screw—#2-40 x 15/32" adjusting screw for coils L21, L22, L23, L24
74575	Screw—#2-40 x 17/32" adjusting screw for L6
70881	Screw—#2-40 x ¼" binder head screw for adjusting coils L14, L15, L16, L17, L18, L19
74601	Screw—#8-32 x ⅜" cross recessed pan head screw for focus coil mounting (2 required)
74307	Screw—#8-32 x 1¼" trimit head screw for door pull
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
74602	Screw—#10-32 x 1¾" cross recessed round head screw for focus coil adjustment (3 required)
70439	Shaft—Actuating shaft for fine tuning control
70437	Shaft—Channel selector shaft complete with pawl and stud
70438	Shaft—Fine tuning control shaft and pulley
72951	Shield—Metal tube shield for V3
73454	Shield—Metal shield for drive belt
73632	Shield—Metal tubes shield for V1
75433	Shield—"U" shape shield for bottom of unit
73584	Shield—Tube shield
74937	Sleeve—Rubber sleeve for focus coil
73450	Socket—Tube socket, ceramic, 7 prong bottom mounted
71494	Socket—Tube socket, moulded, 7 prong, saddle mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal, ceramic
71508	Socket—Tube socket for 1B3-GT
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
75454	Socket—Indicator lamp socket complete with lead (12¼")
74576	Spacer—Insulating spacer for front plate (4 required)
74954	Spring—Compression spring for hood and yoke assembly (3 required)
74966	Spring—Formed spring for kinescope masking panel (6 required)
73457	Spring—Return spring for fine tuning control
74188	Spring—Retaining spring for adjustable core RCA 74187
74578	Spring—Retaining spring for adjusting screws RCA 75640 and RCA 74575
75068	Spring—Retaining spring for rf oscillator tube shield
30330	Spring—Retaining spring for knobs 74963 and 75464
72845	Spring—Retaining spring for knobs 74959 and 75461
14270	Spring—Retaining spring for knobs 74960, 74962, 75462 and 75463
73643	Spring—Spring clip for channel marker escutcheon
74936	Spring—Suspension spring (coil type) for kinescope socket leads
72936	Stop—Cabinet door stop
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils ≠74109 and 74110 uncoded or coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils ≠74109 and ≠74110 coded numerically or coded "Hi Q"
74161	Stud—Locating stud for back (2 required)
74948	Support—Bakelite supports (1 set) for mounting high-voltage plate
74944	Support—Rubber support for 2nd anode lead
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
73466	Washer—Insulating washer for front shield (1 set)
2917	Washer—"C" washer for channel selector shaft or fine tuning shaft and cam

MODEL 6T84, 6T86, 6T87

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Stock No.	Description
74959	Knob—Television fine tuning control knob —mahogany— for mahogany or walnut instruments (outer)
73995	Knob—Television fine tuning control knob —tan— for oak instruments (outer)
73996	Knob—Television channel selector knob— maroon— for mahogany or walnut instruments (inner)
73997	Knob—Television channel selector knob— tan— for oak instruments (inner)
74962	Knob—Television brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
73999	Knob—Television brightness control or vertical hold control knob—tan—for oak instruments (outer)
74969	Knob—Television channel marker escutcheon light switch knob—maroon—for mahogany or walnut instruments
74003	Knob—Television channel marker escutcheon light switch knob—tan—for oak instruments
74963	Knob—Television picture control or horizontal hold control knob—maroon—for mahogany or walnut instruments (inner)
74001	Knob—Television picture control or horizontal hold control—tan—for oak instruments (inner)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud
74953	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments
75460	Mask—Channel indicator light mask—gold —for oak instruments
73634	Nut—Speed nut for speaker mounting screws (4 required)
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75675	Pull—Cabinet door pull for upper doors (Model 6T86)
75677	Pull—Cabinet door pull for lower doors (Model 6T86)
75678	Pull—Cabinet door pull for upper doors (Model 6T87)
74451	Pull—Cabinet door pull for lower doors (Model 6T87)
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71467	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
75167	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75236	Screw—#5-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
75676	Screw—#8-32 x ⅜" pan head machine screw (brass) for focus magnet mounting (2 required)
74269	Screw—#8-32 x ¼" trimit head screw for door pull (Model 6T86)
75623	Screw—#8-32 x ⅜" trimit head screw for door pulls for upper doors (Model 6T87)
74113	Screw—#8-32 x 1" trimit head screw for door pulls for lower doors (Model 6T87)
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for connector RCA 75703
75168	Shield—Oscillator and convertor sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator light socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube, octal, ceramic, plate mounted
71508	Socket—Tube socket for 1B3-GT

MODEL 6T84, 6T86, 6T87

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Stock No.	Description
31319	Socket—Tube socket, octal, moulded
68592	Socket—Tube socket, 6 contact, moulded for V113
73117	Socket—Tube, socket, 7 pin, miniature
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75223	Socket—Tube socket, 9 pin, miniature
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
74966	Spring—Formed spring for kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs 73995 and 74959
14270	Spring—Retaining spring for knobs 73996, 73997, 73999, 74003, 74962 and 74969
30330	Spring—Retaining spring for knobs 74001 and 74963
74734	Spring—Retaining spring for knobs 75712, 75713, 75714 and 75715
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheons
75691	Spring—Suspension spring (coil type) for main cable
72936	Stop—Cabinet door stop
75169	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—RH center
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75506	Support—Bakelite support only—part of high-voltage shield
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for oak instruments
75500	Washer—Insulating washer for television compartment back cover
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

Stock No.	Description
74963	Knob—Television picture control or horizontal hold control knob—maroon—for mahogany or walnut instruments (inner)
74001	Knob—Television picture control or horizontal hold control—tan—for oak instruments (inner)
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud
74953	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments
75460	Mask—Channel indicator light mask—gold —for oak instruments
73634	Nut—Speed nut for speaker mounting screws (4 required)
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75675	Pull—Cabinet door pull for upper doors (Model 6T86)
75677	Pull—Cabinet door pull for lower doors (Model 6T86)
75678	Pull—Cabinet door pull for upper doors (Model 6T87)
75679	Pull—Cabinet door pull for upper doors (Model 6T87)
74451	Pull—Cabinet door pull for lower doors (Model 6T87)
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71467	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75167	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75236	Screw—#5-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
75676	Screw—#8-32 x ⅜" pan head machine screw (brass) for focus magnet mounting (2 required)
74269	Screw—#8-32 x ¼" trimit head screw for door pull (Model 6T86)
75623	Screw—#8-32 x ⅜" trimit head screw for door pulls for upper doors (Model 6T87)
74113	Screw—#8-32 x 1" trimit head screw for door pulls for lower doors (Model 6T87)
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for connector RCA 75703
75168	Shield—Oscillator and convertor sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator light socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube, octal, ceramic, plate mounted
71508	Socket—Tube socket for 1B3-GT
73117	Socket—Tube, socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
68592	Socket—Tube socket, 6 contact, moulded for V113
71508	Socket—Tube socket for 1B3-GT
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
74966	Spring—Formed spring for kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs 73995 and 74959
14270	Spring—Retaining spring for knobs 73996, 73997, 73999, 74003, 74962 and 74969
30330	Spring—Retaining spring for knobs 74001 and 74963
74734	Spring—Retaining spring for knobs 75712, 75713, 75714 and 75715

Stock No.	Description
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheons
75691	Spring—Suspension spring (coil type) for main cable
75233	Spring—Compression spring for focus magnet adjustment (3 required)
72936	Stop—Cabinet door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75506	Support—Bakelite support only—part of high-voltage shield
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for oak instruments
75500	Washer—Insulating washer for television compartment back cover

MODEL 7T103, 7T104 7T112, 7T122, 7T123 7T124

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Stock No.	Description
74545	Cable—Shielded pickup cable complete with pin plug for 45 RPM changer for Model 7T132
13103	Cap—Pilot lamp cap for Models 7T112, 7T122, 7T123, 7T124
71892	Catch—Bullet catch and strike for doors for Models 7T122, 7T123, 7T124
76143	Clip—Tubular clip for mounting stand-off capacitors C171, C172
75167	Clip—Tubular clip for mounting stand-off capacitors C6, C14, C15, C19
X3123	Cloth—Grille cloth for mahogany or walnut instruments for Models 7T112, 7T123
X3199	Cloth—Grille cloth for mahogany or walnut instruments
X3089	Cloth—Grille cloth for oak instruments for Models 7T112, 7T122, 7T123
X3120	Cloth—Grille cloth for mahogany or walnut instruments for Model 7T122
X3129	Cloth—Grille cloth for Model 7T124
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Coil—Adjustable core and stud for FM trap L203
75531	Cover—Control panel cover assembly including drop panel hinges and emblem for Model 7T104
75608	Cushion—Kinescope masking panel dust seal (rubber)
74956	Cushion—Rubber cushion for deflection yoke
76129	Decal—Control panel function decal for Models 7T103, 7T104
76127	Decal—Control panel function decal for mahogany or walnut instruments for Models 7T112, 7T122, 7T123
76128	Decal—Control panel function decal for oak or maple instruments for Models 7T112, 7T122, 7T123, 7T124
76003	Decal—Decorative decal (3 stripes) for Model 7T104
71910	Decal—Trade mark decal for Model 7T122
71984	Decal—Trade mark decal for Models 7T123, 7T124
75162	Detent—Detent mechanism and fibre shaft

Stock No.	Description
74809	Emblem—"RCA Victor" emblem for Models 7T103, 7T104, 7T112, 7T122, 7T123, 7T124
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments for Models 7T112, 7T122, 7T123, 7T124
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple instruments for Models 7T112, 7T122, 7T123, 7T124
75499	Escutcheon—Channel marker escutcheon—dark—for metal instruments for Models 7T103, 7T104
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
74889	Feet—Felt feet for cabinet (4 required) for Models 7T103, 7T104
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass for Models 7T112, 7T122, 7T123, 7T124
76131	Glass—Safety glass for Models 7T103, 7T104
37396	Grommet—Rubber grommet for mounting speaker (4 required) for Models 7T112, 7T122, 7T123, 7T124
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge for Models 7T122, 7T123, 7T124
76169	Hood—Deflection yoke hood less rubber cushion
75644	Insulator—2nd anode insulator assembly
75463	Knob—Brightness control or vertical hold control knob—beige—for oak instruments (outer)
74962	Knob—Brightness control or vertical hold control—maroon—for mahogany or walnut instruments (outer)
73999	Knob—Brightness control or vertical hold control knob—tan—for maple instruments (outer)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74960	Knob—Channel selector knob—maroon—for metal, mahogany or walnut instruments (inner)
74961	Knob—Channel selector knob — tan — for maple instruments (inner)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
74959	Knob—Fine tuning knob — maroon — for metal, mahogany or walnut instruments (outer)
73995	Knob—Fine tuning knob—tan—for maple instruments (outer)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for metal, mahogany or walnut instruments (inner)
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner)
76174	Knob—Tone control and phono switch knob—maroon—for metal, mahogany or walnut instruments (outer)
76175	Knob—Tone control and phono switch knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel marker lamp—RCA 51—for Models 7T112, 7T122, 7T123, 7T124
75165	Link—Link assembly for fine tuning
76168	Magnet—Focus magnet complete with adjustable plate and stud
73617	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel marker escutcheon light mask—burgundy—for mahogany or walnut instruments for Models 7T112, 7T122, 7T123, 7T124
75460	Mask—Channel marker escutcheon light mask—gold—for oak or maple instruments for Models 7T112, 7T122, 7T123, 7T124
76126	Mask—Polystyrene masking panel for Models 7T112, 7T122, 7T123, 7T124
76130	Mask—Polystyrene masking panel for Models 7T103, 7T104
75917	Nail—Rosette head nail for grille bars for Model 7T122
76177	Nut—#10-32 special nut for deflection yoke hood support rods (2 required)
73634	Nut—Speed nut for speaker mounting screws (4 required) for Models 7T112, 7T122, 7T123, 7T124
74788	Nut—Speed nut to secure deflection yoke support rods
73634	Nut—Speed nut for speaker mounting
76135	Plate—Front plate and shaft bearing

Stock No.	Description
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75526	Pull—Cabinet door pull (center of door) for Model 7T123
75527	Pull—Cabinet door pull (top of door) for Model 7T123
76185	Pull—Door pull for Model 7T122
14343	Retainer—Fine tuning shaft retaining ring
75533	Retainer—Snap-on moulding and retainer for safety glass for Models 7T103, 7T104
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71456	Screw—#8-32 x ⅜" wing screw to fasten suspension bracket to deflection yoke hood
74307	Screw—#8-32 x 1⅛" trimit head screw for door pull for Model 7T123
74269	Screw—#8-32 x ¾" trimit head screw for door pull for Model 7T122
71456	Screw—#8-32 x ⅜" wing screw to mount deflection yoke
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket for Models 7T112, 7T122, 7T123, 7T124
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket for Models 7T112, 7T122, 7T123, 7T124
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
68592	Socket—Tube socket, 6 contact, moulded
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
76268	Spring—Conical spring for mounting record changer (3 required)
76180	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
74578	Spring—Retaining spring for adjusting screws
75068	Spring—Retaining spring for oscillator tube shield
73457	Spring—Return spring for fine tuning control
72845	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462, 75463
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462, 75463
30330	Spring—Retaining spring for knobs #74001, 74963, 75464
73643	Spring—Spring clip for channel marker escutcheon
72936	Stop—Cabinet door stop for Models 7T122, 7T123, 7T124
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75169	Strip—Coil segment mounting strip—RH center
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
76636	Stud—Adjusting stud complete with guard for focus magnet
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments for Models 7T112, 7T122, 7T123, 7T124

Stock No.	Description
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments for Models 7T112, 7T122, 7T123, 7T124
75500	Washer—Felt washer for cabinet back screws
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 7T103B, 7T104B 7T112B, 7T122B, 7T123B 7T125B

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Stock No.	Description
76128	Decal—Control panel function decal for oak or maple instruments for Models 7T112B, 7T122B, 7T123B, 7T125B
76129	Decal—Control panel function decal for Models 7T103B, 7T104B
76003	Decal—Decorative decal (3 stripes) for Model 7T104B
71910	Decal—Trade mark decal for Model 7T122B
71984	Decal—Trade mark decal for Model 7T123B
71768	Decal—Trade mark decal for Model 7T125B
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem for Models 7T103B, 7T104B, 7T112B, 7T122B, 7T123B, 7T125B
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments for Models 7T112B, 7T122B, 7T123B, 7T125B
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple instruments for Models 7T112B, 7T122B, 7T123B, 7T125B
75499	Escutcheon—Channel marker escutcheon—dark—for metal instruments for Models 7T103B, 7T104B
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
74889	Feet—Felt feet for cabinet (4 required) for Models 7T103B, 7T104B
73453	Form—Coil form for L45 and L49
74606	Glass—Safety glass for Models 7T112B, 7T122B, 7T123B, 7T125B
76131	Glass—Safety glass for Models 7T103B, 7T104B
73396	Grommet—Rubber grommet for mounting speaker (4 required) for Models 7T112B, 7T122B, 7T123B, 7T125B
16058	Grommet—Rubber grommet for 2nd anode lead
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge for Models 7T122B, 7T123B, 7T125B, and LH door for Model 7T123
76376	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly
76377	Insulator—Focus control insulator
74962	Knob—Brightness control or vertical hold control—maroon—for metal, mahogany or, walnut instruments (outer)
73999	Knob—Brightness control or vertical hold control knob—tan—for maple instruments (outer)
75463	Knob—Brightness control or vertical hold control knob—beige—for oak instruments (outer)
74960	Knob—Channel selector knob—maroon—for metal, mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74961	Knob—Channel selector knob — tan — for maple instruments (inner)
74959	Knob—Fine tuning knob — maroon — for metal, mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige for oak instruments (outer)
73995	Knob—Fine tuning knob—tan—for maple instruments (outer)
74969	Knob—Focus control knob

Stock No.	Description
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for metal, mahogany or walnut instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner)
76174	Knob—Tone control and phono switch knob —maroon—for metal, mahogany or walnut instruments (outer)
76175	Knob—Tone control and phono switch knob —beige—for oak instruments (outer)
11765	Lamp—Pilot or channel marker lamp—RCA 51—for Models 7T112B, 7T122B, 7T123B, 7T125B
75165	Link—Link assembly for fine tuning
76375	Magnet—Centering magnet
76141	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel marker escutcheon light mask—burgundy—for mahogany or walnut instruments for Models 7T112B, 7T122B, 7T123B
75460	Mask—Channel marker escutcheon light mask—gold—for oak or maple instruments for Models 7T112B, 7T122B, 7T123B
76126	Mask—Polystyrene masking panel for Models 7T112B, 7T122B, 7T123B, 7T125B
76130	Mask—Polystyrene masking panel for Models 7T103B, 7T104B
75917	Nail—Rosette head nail for grille bars for Model 7T122B
73634	Nut—Speed nut for speaker mounting screws (4 required) for Models 7T112B, 7T122B, 7T123B, 7T125B
74788	Nut—Speed nut to secure deflection yoke support rods
76177	Nut—#2-10-32 special nut for deflection yoke hood support rods (2 required)
73634	Nut—Speed nut for speaker mounting
76135	Plate—Front plate and shaft bearing
76380	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75526	Pull—Cabinet door pull (center of door) for Model 7T123B
75527	Pull—Cabinet door pull (top of door) for Model 7T123B
75528	Pull—Cabinet door pull—LH—for Model 7T125B
75529	Pull—Cabinet door pull—RH—for Model 7T125B
76185	Pull—Door pull for Model 7T122B
14343	Retainer—Fine tuning shaft retaining ring
75533	Retainer—Snap-on moulding and retainer for safety glass for Models 7T103B, 7T104B
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74269	Screw—#8-32 x ¾" trimit head screw for door pull for Model 7T122
75038	Screw—#8-32 x 1½" trimit head screw for door pulls for Model 7T125B
71456	Screw—#8-32 x ⅜" wing screw to fasten suspension bracket to deflection yoke hood
71456	Screw—#8-32 x ⅜" wing screw to mount deflection yoke
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket for 7T112B, 7T122B, 7T123B, 7T125B
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket for 7T112B, 7T122B, 7T123B, 7T125B
31251	Socket—Tube socket, octal, wafer
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
68592	Socket—Tube socket, 6 contact, moulded
76379	Socket—Tube socket, 6 contact, miniature, plate mounted

Stock No.	Description
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
75191	Spacer—Insulating spacer for front plate (4 required)
76180	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
73457	Spring—Return spring for fine tuning control
72845	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462, 75463
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462, 75463
30330	Spring—Retaining spring for knobs #74001, 74963 and 75464
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75169	Strip—Coil segment mounting strip—RH center
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75500	Washer—Felt washer for cabinet back screws
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 7T111B

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Stock No.	Description
73453	Form—Coil form L45 and L49
74606	Glass—Safety glass
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet for mounting ceramic tube socket (2 required)
76376	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly
76377	Insulator—Focus control insulator
74962	Knob—Brightness control or vertical hold control—maroon—for metal, mahogany or walnut instruments (outer)
75463	Knob—Brightness control or vertical hold control knob—beige—for oak instruments (outer)
74960	Knob—Channel selector knob—maroon—for metal, mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74961	Knob—Channel selector knob — tan — for maple instruments (inner)
74959	Knob—Fine tuning knob — maroon — for metal, mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige for oak instruments (outer)
74969	Knob—Focus control knob
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for metal, mahogany or walnut instruments (inner)

Stock No.	Description
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
76174	Knob—Tone control and phono switch knob—maroon—for mahogany or walnut instruments (outer)
76175	Knob—Tone control and phono switch knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel marker lamp—RCA 51
75165	Link—Link assembly for fine tuning
76375	Magnet—Centering magnet
76317	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel marker escutcheon light mask—burgundy—for mahogany or walnut instruments
75460	Mask—Channel marker escutcheon light mask—gold—for oak instruments
76126	Mask—Polystyrene masking panel
76177	Nut—#2-10-32 special nut for deflection yoke hood support rods (2 required)
73634	Nut—Speed nut for speaker mounting screws (4 required)
74788	Nut—Speed nut to secure deflection yoke support rods
76135	Plate—Front plate and shaft bearing
76380	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71456	Screw—#8-32 x ⅜" wing screw to mount deflection yoke hood.
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
31251	Socket—Tube socket, octal, wafer
68592	Socket—Tube socket, 6 contact, moulded
76739	Socket—Tube socket, 6 contact, miniature, plate mounted
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
76180	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
14270	Spring—Retaining spring for focus control knob
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs #73995, 74959, 75461
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462, 75463
30330	Spring—Retaining spring for knobs #74001, 74963 and 75464
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer

Stock No.	Description
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
76010	Switch—AGC switch
76463	Terminal—Screw-type grounding terminal
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back screws
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 7T132

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Stock No.	Description
76254	Hinge—Speaker compartment door hinge (1 set)
76255	Hinge—Television compartment door center hinge (piano type)
75644	Insulator—2nd anode insulator assembly
76169	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator assembly
74962	Knob—Brightness control or vertical hold control—maroon—for metal, mahogany or walnut instruments (outer)
75463	Knob—Brightness control or vertical hold control knob—beige—for oak instruments (outer)
73999	Knob—Brightness control or vertical hold control knob—tan—for oak instruments (outer)
74960	Knob—Channel selector knob—maroon—for metal, mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74961	Knob—Channel selector knob—tan—for maple instruments (inner)
74959	Knob—Fine tuning knob — maroon — for metal, mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
73995	Knob—Fine tuning knob—tan—for maple instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for metal, mahogany or walnut instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner)
76174	Knob—Tone control—maroon—for metal, mahogany or walnut instruments (outer)
76175	Knob—Tone control—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel marker lamp—RCA 51
75165	Link—Link assembly for fine tuning
76317	Magnet—Ion trap magnet (P.M.)
76168	Magnet—Focus magnet complete with adjustable plate and stud
75459	Mask—Channel marker escutcheon light mask—burgundy—for mahogany or walnut instruments
75460	Mask—Channel marker escutcheon light mask—gold—for oak or maple instruments
76126	Mask—Polystyrene masking panel
76177	Nut—#2-10-32 special nut for deflection yoke hood support rods (2 required)
73634	Nut—Speed nut for speaker mounting screws (4 required)
74788	Nut—Speed nut to secure deflection yoke support rods
73634	Nut—Speed nut for speaker mounting

Stock No.	Description
76135	Plate—Front plate and shaft bearing
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket for
76256	Pull—Door pull
14343	Retainer—Fine tuning shaft retaining ring
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
71456	Screw—#8-32 x ⅜" wing screw to fasten suspension bracket to deflection yoke hood
75623	Screw—#8-32 x ⅝" trimit head screw for door pull
71456	Screw—#8-32 x ⅜" wing screw to mount deflection yoke
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75108	Shield—Oscillator and converter sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
66592	Socket—Tube socket, 6 contact, moulded
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
75088	Socket—Tube socket, 7 contact, miniature, ceramic, moulded mounted
75191	Spacer—Insulating spacer for front plate (4 required)
76258	Spring—Cantact spring for mounting record changer (3 required)
76180	Spring—Formed spring for kinescope masking panel (4 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75058	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs #75990, 75457
14270	Spring—Retaining spring for knobs #73999, 74960, 74961, 74962, 75462, 75463
30330	Spring—Retaining spring for knobs #74001, 74963 and 75464
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
72936	Stop—Cabinet door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back screws
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 7T143

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Stock No.	Description
11765	Lamp—Pilot or channel indicator lamp—RCA 51
75165	Link—Link assembly for fine tuning
76168	Magnet—Focus magnet complete with adjustable plate and stud (screw drive adjustment)
76317	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments
76126	Mask—Kinescope masking panel
76177	Nut—#10-32 special nut for deflection yoke hood support rods (2 required)
74788	Nut—Speed nut to secure deflection yoke support rods
73634	Nut—Speed nut for speaker mounting screws
76135	Plate—Front plate and shaft bearing
75518	Plate—High-voltage plate—bakelite—less transformer, capacitor and tube socket
75677	Pull—Door pull for lower doors
75678	Pull—Door pull for upper doors
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shaped threaded rod to support deflection yoke hood assembly (2 required)
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74269	Screw—#8-32 x ¾" trimit head screw for door pulls
71456	Screw—#8-32 x ⅜" wing screw for deflection yoke and focus magnet mounting support
71456	Screw—#8-32 x ⅜" wing screw to mount deflection yoke
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for 5 contact male connector #75703
75708	Shell—Shell for 8 contact female connector #75709
75711	Shell—Shell for 5 contact female connector #75710
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
75088	Socket—Tube socket, 7 contact, miniature, ceramic, moulded mounted
31251	Socket—Tube socket, octal, wafer
71508	Socket—Tube socket, 6 contact, moulded, for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
75191	Spacer—Insulating spacer for front plate (4 required)
76180	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
74578	Spring—Retaining spring for adjusting screws
75058	Spring—Retaining spring for oscillator tube shield
72845	Spring—Retaining spring for knob 74959
14270	Spring—Retaining spring for knobs 73996, 74962 & 74969
30330	Spring—Retaining spring for knob 74963
74734	Spring—Retaining spring for knobs 75712, 75714
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75691	Spring—Suspension spring (coil type) for main cable
72936	Stop—Door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
76636	Stud—Adjusting stud complete with guard for focus magnet
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back screws
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T57, 9T77, 9T79

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Stock No.	Description
X3144	Cloth—Grille cloth for mahogany or walnut cabinets (Models 9T77 & 9T79)
X1918	Cloth—Grille cloth for oak instruments (Model 9T57)
X3093	Cloth—Grille cloth for oak instruments (Models 9T77 & 9T79)
74594	Connector—2 contact male connector for power cord
5040	Connector—4 contact female connector for speaker cable
39153	Connector—Single contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector assembly contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Dust seal cushion—rubber
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75618	Decal—Control function decal (Model 9T57)
75440	Decal—Control function decal for mahogany or walnut instruments (Models 9T77 & 9T79)
75441	Decal—Control function decal for oak instruments (Model 9T77)
71984	Decal—"RCA Victor" decal (Models 9T57 & 9T77)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75499	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments (Model 9T57)
75501	Escutcheon—Channel marker escutcheon—light—for oak instruments (Model 9T57)
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments (Models 9T77 & 9T79)
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments (Models 9T77 & 9T79)
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
82113	Foot—Rubber foot (Model 9T57)
73453	Form—Coil form for L45 and L49
75619	Glass—Safety glass
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74959	Knob—Fine tuning knob—maroon—for mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74962	Knob—Tone control, brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
75463	Knob—Tone control, brightness control or vertical hold control knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel indicator lamp—RCA 51 (Models 9T77 & 9T79)
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud for standard 19AP4A tubes
75935	Magnet—Focus magnet complete with adjustable plate and stud for special 19AP4A tubes coded with a dot of green paint
76322	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask—burgundy—for mahogany or walnut instruments (Models 9T77 & 9T79)
75460	Mask—Channel indicator light mask—gold—for oak instruments (Models 9T77 & 9T79)
73634	Nut—Speed nut for speaker mounting screws (4 required) (Models 9T77 & 9T79)
75518	Plate—High-voltage plate — bakelite less transformer, capacitor and tube socket
75622	Pull—Door pull (Model 9T77)
75624	Pull—Door pull for upper doors (Model 9T79)
75625	Pull—Door pull for upper doors (Model 9T79)
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
71623	Screw—#8-32 x ⅝" trimit head screw for door pull (Model 9T77)
74113	Screw—#8-32 x 1" trimit head screw for door pull on lower doors (Model 9T79)
75626	Screw—#8-32 x 1⅛" trimit head screw for door pull on upper doors (Model 9T79)
75236	Screw—#8-32 x ⅜" pan head screw (brass) to mount focus magnet (2 required)
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
74602	Screws—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for RF unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator light socket
74834	Socket—Kinescope socket
31364	Socket—Pilot light socket
31251	Socket—Tube socket, octal, wafer
68592	Socket—Tube socket, 6 contact, moulded for V113
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket for 1B3-GT
31319	Socket—Tube socket, octal, moulded
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
30340	Spring—Hairpin spring for fine tuning link
75587	Spring—Formed spring for mounting Kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30330	Spring—Retaining spring for knobs 74963 & 7546
72845	Spring—Retaining spring for knobs 74959 & 75461
14270	Spring—Retaining spring for knobs 74960, 74962, 75462 & 75463
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheons
72936	Stop—Cabinet door stop (Models 9T77 & 9T79)
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75506	Support—Bakelite support only—part of deflection yoke shield
75500	Washer—Felt washer for cabinet back screws
75457	Washer—Felt washer—dark brown—between knob and channel marker escutcheon for mahogany or walnut instruments (Models 9T77 & 9T79)
75458	Washer—Felt washer—beige—between knob and channel marker escutcheon for oak instruments (Models 9T77 & 9T79)
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T57, 9T77, 9T79

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Stock No.	Description
74594	Connector—2 contact male connector for power cord
5040	Connector—4 contact female connector for speaker cable
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector assembly contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
75608	Cushion—Dust seal cushion—rubber
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
75618	Decal—Control function decal (Model 9T57)
75440	Decal—Control function decal for mahogany or walnut instruments (Models 9T77 & 9T79)
75441	Decal—Control function decal for oak instruments (Model 9T77)
71984	Decal—"RCA Victor" decal (Models 9T57 & 9T77)
75162	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75499	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments (Model 9T57)
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments (Models 9T77 & 9T79)
75456	Escutcheon—Channel marker escutcheon—light—for oak instruments (Models 9T77 & 9T79)
75501	Escutcheon—Channel marker escutcheon—light—for oak instruments (Model 9T57)
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
72113	Foot—Rubber foot (Model 9T57)
73453	Form—Coil form for L45 and L49
75619	Glass—Safety glass
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
37396	Grommet—Rubber grommet for mounting speaker (4 required) (Models 9T77 & 9T79)
74308	Hinge—Cabinet door hinge (1 set) (Model 9T57)
75621	Hinge—Cabinet panel hinges (1 set) (Model 9T57)
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner)
74959	Knob—Fine tuning knob—maroon—for mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74962	Knob—Tone control, brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
75463	Knob—Tone control, brightness control or vertical hold control knob—beige—for oak instruments (outer)
11765	Lamp—Pilot or channel indicator lamp—RCA 51 (Models 9T77 & 9T79)
75165	Link—Link assembly for fine tuning
75504	Magnet—Focus magnet complete with adjustable plate and stud for standard 19AP4A tubes
75935	Magnet—Focus magnet complete with adjustable plate and stud for special 19AP4A tubes coded with a dot of green paint
76322	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel indicator light mask — burgundy—for mahogany or walnut instruments (Models 9T77 & 9T79)
75460	Mask—Channel indicator light mask — gold—for oak instruments (Models 9T77 & 9T79)
73634	Nut—Speed nut for speaker mounting screws (4 required) (Models 9T77 & 9T79)
75518	Plate—High-voltage plate — bakelite less transformer, capacitor and tube socket
75622	Pull—Door pull (Model 9T77)
75624	Pull—Door pull for lower doors (Model 9T79)
75625	Pull—Door pull for upper doors (Model 9T79)
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
75236	Screw—#8-32 x ⅜" pan head screw (brass) to mount focus magnet (2 required)
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
71623	Screw—#8-32 x ⅝" trimit head screw for door pull (Model 9T77)
74113	Screw—#8-32 x 1" trimit head screw for door pull on lower doors (Model 9T79)
75626	Screw—#8-32 x 1⅛" trimit head screw for door pull on upper doors (Model 9T79)
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for RF unit—snap-on type

Stock No.	Description
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator light socket (Models 9T77 & 9T79)
74834	Socket—Kinescope socket
31364	Socket—Pilot light socket (Models 9T77 & 9T79)
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
71508	Socket—Tube socket for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded for V113
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
75587	Spring—Formed spring for mounting kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hairpin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs 74959 & 75461
14270	Spring—Retaining spring for knobs 74960, 74962, 75462 & 75463
30330	Spring—Retaining spring for knobs 74963 & 7546
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheons
72936	Stop—Cabinet door stop (Models 9T77 & 9T79)
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75500	Washer—Felt washer for television chassis back assembly
75457	Washer—Felt washer between knob and channel marker escutcheon
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T89

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Stock No.	Description
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
75623	Screw—#8-32 x 5/8" trimit head screw for door pull
74279	Screw—#8-32 x 7/8" trimit head screw for door pull
75083	Screw—#8-32 x 1/4" wing screw for mounting deflection yoke
75236	Screw—#8-32 x 3/8" pan head screw (brass) to mount focus magnet (2 required)
74602	Screw—#10-32 x 1 3/4" round head machine screw for focus magnet adjustment (3 required)

Stock No.	Description
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for 5 contact male connector 75703
75708	Shell—Shell for 8 contact female connector 75709
75711	Shell—Shell for 5 contact female connector 75710
73584	Shield—Tube shield
75168	Shield—Oscillator and convertor sections shield for RF unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
75088	Socket—Tube socket, 7 contact, miniature, ceramic saddle mounted
31251	Socket—Tube socket, octal, wafer
31319	Socket—Tube socket, octal moulded
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded for V113
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
75587	Spring—Formed spring for kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
72845	Spring—Retaining spring for knob 74959
14270	Spring—Retaining spring for knobs 73996, 74962 and 74969
30330	Spring—Retaining spring for knob 74963
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75691	Spring—Suspension spring (coil type) for main cable
72936	Stop—Door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75500	Washer—Felt washer for television chassis back assembly
75457	Washer—Felt washer between knob and channel marker escutcheon
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T89

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Stock No.	Description
71476	Screw—#4-40 x 1/4" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x 3/16" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52

Stock No.	Description
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
75623	Screw—#8-32 x 5/8" trimit head screw for door pull
74279	Screw—#8-32 x 7/8" trimit head screw for door pull
75083	Screw—#8-32 x 1/4" wing screw for mounting deflection yoke
75236	Screw—#8-32 x 3/8" pan head screw (brass) to mount focus magnet (2 required)
74602	Screw—#10-32 x 1 3/4" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75704	Shell—Shell for 5 contact male connector 75703
75708	Shell—Shell for 8 contact female connector 75709
75711	Shell—Shell for 5 contact female connector 75710
75168	Shield—Oscillator and convertor sections shield for RF unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
31251	Socket—Tube socket, octal, wafer
31319	Socket—Tube socket, octal moulded
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
71508	Socket—Tube socket for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded for V113
75088	Socket—Tube socket, 7 contact, miniature, ceramic saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
75587	Spring—Formed spring for kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knob 74959
14270	Spring—Retaining spring for knobs 73996, 74962 and 74969
30330	Spring—Retaining spring for knob 74963
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75691	Spring—Suspension spring (coil type) for main cable
72936	Stop—Door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75500	Washer—Felt washer for television chassis back assembly
75457	Washer—Felt washer between knob and channel marker escutcheon
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T105, 9T126, 9T128

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Stock No.	Description
75465	Bracket—Suspension bracket for deflection yoke and focus magnet support assembly
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap for Models 9T126, 9T128
71892	Catch—Bullet catch and strike for cabinet doors for Model 9T126
76143	Clip—Tubular clip for mounting stand-off capacitor C6, C14, C15, C19
75167	Clip—Tubular clip for mounting stand-off capacitors—C171, C172
X1917	Cloth—Grille cloth for mahogany or walnut instruments for Model 9T105
X1918	Cloth—Grille cloth for oak instruments for Model 9T105
X3144	Cloth—Grille cloth for mahogany or walnut instruments for Model 9T126
X3093	Cloth—Grille cloth for oak instruments for Model 9T126
X3199	Cloth—Grille cloth for mahogany or walnut instruments for Model 9T128 and for maple instruments for Model 9T128
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector contact only
71457	Cord—Power cord and plug
75608	Cushion—Dust seal cushion
76195	Decal—Control function decal for Model 9T105
76128	Decal—Control function decal for oak or maple instruments for Models 9T126, 9T128
76127	Decal—Control function decal for mahogany or walnut instruments for Models 9T126, 9T128
71984	Decal—"RCA Victor" decal
75162	Detent—Detent mechanism and fibre shaft
75187	Guide—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
74899	Emblem—"RCA Victor" emblem
75499	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments for Model 9T105
75501	Escutcheon—Channel marker escutcheon—light—for oak instruments for Model 9T105
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments for Models 9T126, 9T128
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple instruments for Models 9T126, 9T128
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
72113	Foot—Rubber foot (4 required) for Model 9T105
73453	Form—Coil form for L45 and L49
75619	Glass—Safety glass
37395	Grommet—Rubber grommet for speaker mounting (4 required)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set) for Model 9T126
75621	Hinge—Control panel hinges (1 set) for Model 9T105
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
74962	Knob—Brightness control or vertical hold control—maroon—for mahogany or walnut instruments (outer)
75463	Knob—Brightness control or vertical hold control—beige—for oak instruments for Models 9T105, 9T126
73999	Knob—Brightness control or vertical hold control knob—tan—for maple instruments (outer) for Model 9T128
74961	Knob—Channel selector knob — tan — for maple instruments (inner) for Model 9T128
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner) for Models 9T105, 9T126
74959	Knob—Fine tuning knob — maroon — for mahogany or walnut instruments (outer)

Stock No.	Description
75461	Knob—Fine tuning knob—beige—for oak instruments (outer) for Models 9T105, 9T126
73995	Knob—Fine tuning knob—tan—for maple instruments (outer) for Model 9T128
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner) for Models 9T105, 9T126
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner) for Model 9T128
76191	Knob—Tone control and phono switch knob—beige—for oak instruments (outer) for Models 9T105, 9T126
76190	Knob—Tone control and phono switch knob—maroon—for mahogany or walnut instruments (outer)
76193	Knob—Tone control and phono switch knob—tan—for maple instruments (outer) for Model 9T128
11765	Lamp—Pilot or channel marker lamp—RCA 51—for Models 9T126, 9T128
75165	Link—Link assembly for fine tuning
76168	Magnet—Focus magnet complete with adjustable plate and stud (screw driver adjusting type)
74953	Magnet—Ion trap magnet (P.M.) for Model 9T105
76322	Magnet—Ion trap magnet (P.M.) for Models 9T126, 9T128
75459	Mask—Channel marker escutcheon light mask—burgundy—for mahogany or walnut instruments for Models 9T126, 9T128
75460	Mask—Channel marker escutcheon light mask—gold—for oak or maple instruments for Models 9T126, 9T128
75620	Mask—Kinescope masking panel
73634	Nut—Speed nut for speaker mounting screws (4 required) for Models 9T126, 9T128
75135	Plate—Front plate and shaft bearing
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75622	Pull—Door pull for Model 9T126
76196	Pull—Door pull—LH—for upper door for Model 9T128
76197	Pull—Door pull—RH—for upper door for Model 9T128
76198	Pull—Door pull for lower doors for Model 9T128
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x 1/4" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x 3/16" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
75236	Screw—#8-32 x 3/8" pan head cross-recessed screw to mount focus magnet (2 required)
75083	Screw—#8-32 x 1/4" wing screw for mounting deflection yoke
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
75623	Screw—#8-32 x 5/8" trimit head screw for door pull for Model 9T126
74279	Screw—#8-32 x 7/8" trimit head screw for door pulls for upper doors for Model 9T128
75626	Screw—#8-32 x 1 1/4" trimit head screw for door pulls for lower doors for Model 9T128
74602	Screw—#10-32 x 1 3/4" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for RF unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket for console models
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket for console models
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature

Stock No.	Description
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
68592	Socket—Tube socket, 6 contact
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
75587	Spring—Formed spring for mounting kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hairpin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knobs 74959, 73995 and 75463
14270	Spring—Retaining spring for knobs 73999, 74961, 74960, 74962, 75462, 75463
30330	Spring—Retaining spring for knobs 74001, 74963 and 75464
73457	Spring—Return spring for fine tuning control
72936	Stop—Cabinet door stop for Model 9T126
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
76636	Stud—Adjusting stud complete with guard for focus magnet
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75500	Washer—Felt washer for chassis back assembly
75457	Washer—Felt washer between knob and channel marker escutcheon
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for maple instruments for Model 9T128
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T105, 9T126, 9T128

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Stock No.	Description
75515	Bracket—Channel indicator lamp bracket for console models
75229	Bracket—Focus magnet mounting bracket —lower
75228	Bracket—Focus magnet mounting bracket —upper
71599	Bracket—Pilot lamp bracket for Model 9T126, 9T128
75465	Bracket—Suspension bracket for deflection yoke and focus magnet support assembly
75067	Bracket—Vertical bracket for holding oscillator tube shield
13103	Cap—Pilot lamp cap for Models 9T126, 9T128
71892	Catch—Bullet catch and strike for cabinet doors for Model 9T126
76143	Clip—Tubular clip for mounting stand-off capacitor C6, C14, C15, C19
75167	Clip—Tubular clip for mounting stand-off capacitors—C171, C172
X1917	Cloth—Grille cloth for mahogany or walnut instruments for Model 9T105

Stock No.	Description
X1918	Cloth—Grille cloth for oak instruments for Model 9T105
X3144	Cloth—Grille cloth for mahogany or walnut instruments for Model 9T126
X3093	Cloth—Grille cloth for oak instruments for Model 9T126
X3199	Cloth—Grille cloth for mahogany or walnut instruments for Model 9T128 and for maple instruments for Model 9T128
74594	Connector—2 contact male connector for power cord
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector contact only
71457	Cord—Power cord and plug
75608	Cushion—Dust seal cushion
76195	Decal—Control function decal for Model 9T105
76128	Decal—Control function decal for oak or maple instruments for Models 9T126, 9T128
76127	Decal—Control function decal for mahogany or walnut instruments for Models 9T126, 9T128
71984	Decal—"RCA Victor" decal
75162	Detent—Detent mechanism and fibre shaft
75187	Core—Adjustable core for fine tuning capacitor C2
71498	Core—Adjustable core and stud for FM trap L203
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
74809	Emblem—"RCA Victor" emblem
75499	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments for Model 9T105
75501	Escutcheon—Channel marker escutcheon—light—for oak instruments for Model 9T105
75455	Escutcheon—Channel marker escutcheon—dark—for mahogany or walnut instruments for Models 9T126, 9T128
75456	Escutcheon—Channel marker escutcheon—light—for oak or maple instruments for Models 9T126, 9T128
74839	Fastener—Push fastener to mount ceramic tube socket (2 required)
72113	Foot—Rubber foot (4 required) for Model 9T105
73453	Form—Coil form for L45 and L49
75619	Glass—Safety glass
37396	Grommet—Rubber grommet for speaker mounting (4 required)
16058	Grommet—Rubber grommet for 2nd anode lead exit
37396	Grommet—Rubber grommet to mount ceramic tube socket (2 required)
74308	Hinge—Cabinet door hinge (1 set) for Model 9T126
75621	Hinge—Control panel hinges (1 set) for Model 9T105
75445	Hood—Deflection yoke hood less rubber cushions
75644	Insulator—2nd anode insulator
74962	Knob—Brightness control or vertical hold control—maroon—for mahogany or walnut instruments (outer)
75463	Knob—Brightness control or vertical hold control—beige—for oak instruments for Models 9T105, 9T126
73999	Knob—Brightness control or vertical hold control knob—tan—for maple instruments (outer) for Model 9T128
74961	Knob—Channel selector knob — tan — for maple instruments (inner) for Model 9T128
74960	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
75462	Knob—Channel selector knob—beige—for oak instruments (inner) for Models 9T105, 9T126
74959	Knob—Fine tuning knob — maroon — for mahogany or walnut instruments (outer)
75461	Knob—Fine tuning knob—beige—for oak instruments (outer) for Models 9T105, 9T126
73995	Knob—Fine tuning knob—tan—for maple instruments (outer) for Model 9T128
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner) for Models 9T105, 9T126
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner) for Model 9T128

Stock No.	Description
76191	Knob—Tone control and phono switch knob—beige—for oak instruments (outer) for Models 9T105, 9T126
76190	Knob—Tone control and phono switch knob—maroon—for mahogany or walnut instruments (outer)
76193	Knob—Tone control and phono switch knob—tan—for maple instruments (outer) for Model 9T128
11765	Lamp—Pilot or channel marker lamp—RCA 51—for Models 9T126, 9T128
75165	Link—Link assembly for fine tuning
76168	Magnet—Focus magnet complete with adjustable plate and stud (screw driver adjusting type)
74953	Magnet—Ion trap magnet (P.M.) for Model 9T105
76322	Magnet—Ion trap magnet (P.M.) for Models 9T126, 9T128
75459	Mask—Channel marker escutcheon light mask—burgundy—for mahogany or walnut instruments for Models 9T126, 9T128
75460	Mask—Channel marker escutcheon light mask—gold—for oak or maple instruments for Models 9T126, 9T128
75620	Mask—Kinescope masking panel
73634	Nut—Speed nut for speaker mounting screws (4 required) for Models 9T126, 9T128
76135	Plate—Front plate and shaft bearing
75518	Plate—High-voltage plate — bakelite — less transformer, capacitor and tube socket
75622	Pull—Door pull—LH—for upper door for Model 9T128
76196	Pull—Door pull—LH—for upper door for Model 9T128
76197	Pull—Door pull—RH—for upper door for Model 9T128
76198	Pull—Door pull for lower doors for Model 9T128
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
75236	Screw—#8-32 x ⅜" pan head cross-recessed screw to mount focus magnet (2 required)
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
71456	Screw—#8-32 x 7/16" wing screw for deflection yoke and focus magnet mounting support
75623	Screw—#8-32 x ⅜" trimit head screw for door pulls for Model 9T126
74279	Screw—#8-32 x 7/8" trimit head screw for door pulls for upper doors for Model 9T128
75626	Screw—#8-32 x 1¼" trimit head screw for door pulls for lower doors for Model 9T128
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for RF unit—snap-on type
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket for console models
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket for console models
31251	Socket—Tube socket, octal, wafer
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
68592	Socket—Tube socket, 6 contact
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
75587	Spring—Formed spring for mounting kinescope masking panel
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hairpin spring for fine tuning link

Stock No.	Description
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
73643	Spring—Spring clip for channel marker escutcheons
72845	Spring—Retaining spring for knobs 74959, 73995 and 75461
14270	Spring—Retaining spring for knobs 73999, 74961, 74960, 74962, 75462, 75463
30330	Spring—Retaining spring for knobs 74001, 74963 and 75464
73457	Spring—Return spring for fine tuning control
72936	Stop—Cabinet door stop for Model 9T126
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
76636	Stud—Adjusting stud complete with guard for focus magnet
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
75500	Washer—Felt washer for cabinet back screws
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for Models 9T126 and 9T128
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments for Model 9T126
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for maple instruments for Model 9T128
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 9T147

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Stock No.	Description
75638	Pull—Door pull for upper doors
75639	Pull—Door pull for lower doors
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
75623	Screw—#8-32 x ⅜" trimit head screw for door pull for Model 9T126
74279	Screw—#8-32 x 7/8" trimit head screw for door pulls for upper doors for Model 9T128
75236	Screw—#8-32 x ⅜" pan head cross recessed screw to mount focus magnet (2 required)
74602	Screw—#10-32 x 1¾" round head machine screw for focus magnet adjustment (3 required)
75083	Screw—#8-32 x ¼" wing screw for mounting deflection yoke
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75708	Shell—Shell for 8 contact female connector 75709
75711	Shell—Shell for 5 contact female connector 75710

Stock No.	Description
75704	Shell—Shell for 5 contact male connector 75703
75168	Shield—Oscillator and converter sections shield for rf unit—snap-on type
73584	Shield—Tube shield
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
31251	Socket—Tube socket, octal, wafer
71508	Socket—Tube socket, 6 contact, moulded for 1B3-GT
68592	Socket—Tube socket, 6 contact, moulded for V113
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
75191	Spacer—Insulating spacer for front plate (4 required)
75233	Spring—Compression spring for focus magnet adjustment (3 required)
75163	Spring—Friction spring (formed) for fine tuning cam
75587	Spring—Formed spring for mounting kinescope masking panel (8 required)
30340	Spring—Hair pin spring for fine tuning link
75068	Spring—Retaining spring for oscillator tube shield
74578	Spring—Retaining spring for adjusting screws
72845	Spring—Retaining spring for knob 74959
14270	Spring—Retaining spring for knobs 73996, 74962 and 74969
30330	Spring—Retaining spring for knob 74963
74734	Spring—Retaining spring for knobs 75712 and 75714
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75691	Spring—Suspension spring (coil type) for main cable
72936	Stop—Cabinet door stop
75169	Strip—Coil segment mounting strip—RH center
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
76636	Stud—Adjusting stud complete with guard for focus magnet
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48 and capacitor C1 coded numerically and "Hi Q"
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75506	Support—Bakelite support only—part of high-voltage shield
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75500	Washer—Felt washer for television chassis back cover
75190	Washer—Insulating washer (neoprene) for capacitor C7
75607	Washer—Insulating washer (hex)

MODEL 16T152

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Stock No.	Description
76595	Knob—Brightness control, vertical hold control or tone control knob—maroon (outer)
74960	Knob—Channel selector knob — maroon (inner)
76591	Knob—Fine tuning control knob—maroon (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon (inner)
75165	Link—Link assembly for fine tuning
76168	Magnet—Focus magnet

Stock No.	Description
74953	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel marker escutcheon—light mask—burgundy
76707	Mask—Polystyrene masking panel
71455	Nut—#8-32 wing nut to fasten deflection yoke hood to hanger bracket
76177	Nut—#10-32 special nut for deflection yoke hood support rods (2 required)
76135	Plate—Front plate and shaft bearing
75518	Plate—High-voltage plate — bakelite less transformer, capacitor and tube socket
75533	Retainer—Snap-on moulding and retainer for safety glass
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly
71476	Screw—#4-40 x ¼" binder head machine screw for adjusting L6, L7, L8, L9, L10, L11
75176	Screw—#4-40 x ⅜" fillister head screw for adjusting L5
75177	Screw—#4-40 x 5/16" fillister head screw for adjusting L1, L2, L3, L4, L43
74575	Screw—#4-40 x .359" adjusting screw for L42
73640	Screw—#4-40 x 7/16" adjusting screw for L52
71456	Screw—#8-32 x 7/16" wing screw to mount deflection yoke
75159	Shaft—Channel selector shaft and plate
75160	Shaft—Fine tuning shaft and cam
75168	Shield—Oscillator and converter sections shield for RF unit—snap-on type
73584	Shield—Tube shield
75193	Shield—Tube shield for V1
75192	Shield—Tube shield for V2
74834	Socket—Kinescope socket
75088	Socket—Tube socket, 7 contact, miniature, ceramic, saddle mounted
73249	Socket—Tube socket, octal, ceramic, plate mounted
31319	Socket—Tube socket, octal, moulded
31251	Socket—Tube socket, octal, wafer
68593	Socket—Tube socket, 6 contact, moulded
71508	Socket—Tube socket, 6 contact moulded for 1B3-GT
73117	Socket—Tube socket, 7 pin, miniature
75223	Socket—Tube socket, 9 pin, miniature
75191	Spacer—Insulating spacer for front plate (4 required)
74966	Spring—Formed spring for kinescope masking panel (8 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hair pin spring for fine tuning link
74578	Spring—Retaining spring for adjusting screws
75068	Spring—Retaining spring for oscillator tube shield
72845	Spring—Retaining spring for knob 76591
14270	Spring—Retaining spring for knobs 74960 and 76595
30330	Spring—Retaining spring for knob 74963
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
75170	Strip—Coil segment mounting strip—LH lower
75171	Strip—Coil segment mounting strip—LH upper—less trimmer C7
75169	Strip—Coil segment mounting strip—RH center
76636	Stud—Adjusting stud complete with guard for focus magnet
75173	Stud—#6-32 x 13/16" adjusting stud for C7 trimmer
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48, and capacitor C1 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coils L47, L48, and capacitor C1 coded numerically and "Hi Q"
75506	Support—Bakelite support only—part of high-voltage shield
76463	Terminal—Screw type grounding terminal
75607	Washer—Insulating washer (hex)
75190	Washer—Insulating washer (neoprene) for capacitor C7
75500	Washer—Felt washer for cabinet back screws
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon

MODEL 17T153, 17T154, 17T155 17T160, 17T162, 17T172, 17T173, 17T174

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Stock No.	Description
	SPEAKER ASSEMBLIES 971490-2W RL 105C18 RMA 274
75024	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 prong male plug for speaker
75022	Speaker—8" P.M. speaker complete with cone and voice coil (3.2 ohms) less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 92569-14-W RL-111A11 RMA-274 (For Model 17T172 & 17T173)
75682	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
76833	Speaker—12" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES 971494-1W RL-111B2 RMA-274 (For Model 17T172)
76295	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
76389	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less output transformer and plug
75520	Transformer—Output transformer
	NOTE: If stamping on speaker in instrument does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.
	7C84 STAND (Used with Model 17T155)
76097	Catch—Door catch and strike (1 set)
74308	Hinge—Lower hinge for door (consists of both LH and RH hinges)
76096	Hinge—Upper hinge for door (consists of both LH and RH hinges)
X3233	Pull—Door pull—mahogany
X3234	Pull—Door pull—walnut
X3235	Pull—Door pull—oak
76637	Screw—#10 x 1½" cross recessed oval head wood screw for door pull
	7C85 STAND (Used with Model 17T155)
7604	Pull—Door pull
	7C86 STAND (Used with Model 17T153, 17T154)
X3241	Pull—Door pull—mahogany (1 set)
X3247	Pull—Door pull—blonde (1 set)
	MISCELLANEOUS
76605	Back—Cabinet back complete with power cord and terminal board for Model 17T153
76643	Back—Cabinet back complete with power cord and terminal board for Model 17T155
76644	Back—Cabinet back complete with power cord and terminal board for Model 17T160
76606	Back—Cabinet back complete with power cord for Model 17T162
76607	Back—Cabinet back complete with power cord for Model 17T172
76677	Back—Cabinet back complete with power cord for Model 17T173
76608	Back—Cabinet back complete with power cord for Model 17T174
76539	Board—Antenna matching transformer terminal board less coils L58, L59, L60 and less capacitors C24, C25, C26, C27
76184	Board—Antenna terminal board

Stock No.	Description
76531	Board—Terminal board, 5 contact and ground
76456	Bracket—Channel indicator lamp bracket
76590	Bracket—Hanger bracket from cabinet top panel to support deflection yoke hood
71599	Bracket—Pilot lamp bracket for Models 17T162, 17T172 & 17T174
76522	Bracket—Vertical bracket for holding rf amplifier tube (6BQ7) shield (early production)
76845	Bracket—Vertical bracket for holding oscillator-mixer tube shield (production marked "M1")
76599	Bracket—"U" shape bracket to anchor "L" shape rods for kinescope mounting (2 required) for Models 17T155, 17T160, 17T162, 17T172, 17T173, 17T174
76454	Bracket—Mounting bracket complete with insulator for picture control
13103	Cap—Pilot lamp cap for Models 17T162, 17T172, 17T174
71892	Catch—Bullet catch and strike for cabinet doors for Model 17T173, 17T174
76143	Clip—Tubular, clip for mounting stand-off capacitors
X3232	Cloth—Baffle board and grille cloth for walnut and mahogany Model 17T174
X3239	Cloth—Baffle board and grille cloth for oak Model 17T174
X3120	Cloth—Grille cloth for Model 17T173
X1917	Cloth—Grille cloth for mahogany or walnut instruments for Models 17T155 & 17T160
X1918	Cloth—Grille cloth for oak instruments for Models 17T155 & 17T160
X3199	Cloth—Grille cloth for mahogany or walnut instruments for Models 17T162, 17T172
X3089	Cloth—Grille cloth for oak instruments for Models 17T162, 17T172
73591	Coil—Antenna matching coil (2 required)
75474	Connector—Single contact male connector for television antenna cable (2 required)
39153	Connector—4 contact male connector for television antenna cable
76457	Connector—2nd anode lead connector — mounted on high-voltage capacitor
76559	Connector—Oscillator grid connector
38853	Connector—4 contact female connector—part of antenna matching transformer
74594	Connector—2 contact male connector for power cord
76460	Contact—Test point contact
75517	Contact—2nd anode connector contact only
76460	Contact—Test point contact
71457	Cord—Power cord and plug
	Crystal—See Rectifier—Crystal
75187	Core—Adjustable core for fine tuning capacitor
76543	Core—Adjusting core for FM trap
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
76631	Cushion—Rubber cushion for dust sealing the kinescope
76582	Cushion—Rubber cushion (channel) for safety glass for Model 17T153
76627	Cushion—Rubber cushion for safety glass (4 required) for Models 17T155, 17T160, 17T162, 17T172, 17T173, 17T174
76512	Decal—Control function decal for oak instruments
76511	Decal—Control function decal for Model 17T153 or for mahogany or walnut instruments
71984	Decal—Trade mark decal for Model 17T174
76521	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75456	Escutcheon—Channel marker escutcheon
74839	Fastener—Push fastener for mounting tube sockets
74889	Feet—Felt feet for cabinet (4 required) for Model 17T153
72113	Foot—Rubber foot for cabinet (4 required) for Model 17T155
73453	Form—Coil form for coils L48, L50 & L53
76581	Glass—Safety glass for Model 17T153
76615	Glass—Safety glass for mahogany or walnut Models 17T155, 17T160, 17T162, 17T172, 17T173 & 17T174
76680	Glass—Safety glass for oak Models 17T155, 17T160, 17T162, 17T172 & 17T174
37396	Grommet—Rubber grommet for mounting tube sockets
37396	Grommet—Rubber grommet for mounting speaker (3 required) for Models 17T172, 17T173
76459	Grommet—Rubber grommet for 2nd anode lead exit
74308	Hinge—Cabinet door hinge (1 set) for Models 17T172, 17T173 & 17T174
76376	Hood—Deflection yoke hood less rubber cushions
76377	Insulator—Focus control insulator

Stock No.	Description
76596	Knob—Brightness control or vertical hold control — beige — for oak instruments (outer)
76595	Knob—Brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
76594	Knob—Channel selector knob—beige—for oak instruments (inner)
76593	Knob—Channel selector knob — maroon — for mahogany or walnut instruments (inner)
76592	Knob—Fine tuning control knob—beige—for oak instruments (outer)
76591	Knob—Fine tuning control knob—maroon—for mahogany or walnut instruments (outer)
74969	Knob—Focus control knob
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
76598	Knob—Tone control and phono switch knob—beige—for oak instruments (outer)
76597	Knob—Tone control and phono switch knob—maroon—for mahogany or walnut instruments (outer)
76589	Mask—Channel marker escutcheon, light mask—medium dark beige—for oak instruments for Models 17T155, 17T160, 17T162, 17T172 & 17T174
76580	Mask—Polystyrene masking panel for kinescope for Model 17T153
76679	Mask—Polystyrene masking panel for Models 17T155, 17T160, 17T162, 17T172, 17T173 & 17T174
71455	Nut—#8-32 wing nut to mount yoke hood to cabinet
76177	Nut—#10-32 special nut for deflection yoke hood support rods (2 required)
76728	Nut—Speed nut for trimmer capacitor C2226
73634	Nut—Speed nut for speaker mounting screws (3 required) for Models 17T162, 17T172, 17T173 & 17T174
76601	Pad—Kinescope edge support pad (2 required)
76515	Plate—Back plate for door pull (2 required) for Model 17T172
18469	Plate—Bakelite mounting plate for electrolytic C203, C204
76464	Plate—High-voltage plate—bakelite—complete with tube socket and corona ring
73034	Pull—Door pull (rosette design) (2 required) for Model 17T172
76513	Pull—Door pull (basket weave design) (2 required) for Model 17T172
76774	Pull—Door pull, upper for Model 17T173
76775	Pull—Door pull, lower for Model 17T173
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
76776	Screw—#4-40 x 13/16" trimit head screw for door pull 76775
76547	Screw—#4-40 x ¼" adjusting screw for coils L6, L7, L8, L9, L10, L11
76548	Screw—#4-40 x 5/16" adjusting screw for coils L1, L2, L3, L4, L46
76549	Screw—#4-40 x ⅜" adjusting screw for coil L5
74307	Screw—#8-32 x 1⅛" trimit head screw for door pull 73034
76514	Screw—#10-24 x 1⅛" trimit head screw for door pull 76513
76632	Screw—#8 x ⅝" self tapping hex head wood to mount polystyrene panel (12 required) or hanger bracket (2 required) for Models 17T155, 17T160, 17T162, 17T172 & 17T174
71456	Screw—#8-32 x 7/16" wing screw to mount deflection yoke
76519	Shaft—Channel selector shaft and plate
76455	Shaft—Connecting shaft (nylon) for picture and brightness controls
76134	Shaft—Fine tuning shaft and cam
76518	Shield—Front shield complete with shaft bushing and bracket
76534	Shield—Tube shield plain for V2 (also V1 in M1 production)
76533	Shield—Tube shield (lead coated) for V1 (early production)

Stock No.	Description
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket and lead
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
75222	Socket—Tube socket, octal, ceramic, plate mounted
76453	Socket—Tube socket, octal, moulded bakelite, plate mounted
31251	Socket—Tube socket, octal, wafer
76462	Socket—Tube socket, noval, moulded saddle mounted
50367	Socket—Tube socket, 6 pin, moulded saddle mounted
73115	Socket—Tube socket, 7 pin, moulded plate mounted, miniature
73117	Socket—Tube socket, 7 pin, wafer miniature
71508	Socket—Tube socket for 1B3-GT
76336	Socket—Tube socket, 9 pin, miniature, bakelite, saddle mounted
76530	Socket—Tube socket, 9 pin, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
76180	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hairpin spring for fine tuning link
76523	Spring—Retaining spring for oscillator-mixer tube shield (early production)
75068	Spring—Retaining spring for oscillator-mixer tube shield (production marked "M1")
30330	Spring—Retaining spring for knobs #74963 & 75464
72845	Spring—Retaining spring for knobs #76591 & 76592
14270	Spring—Retaining spring for knobs #76593, 76594, 76595, 76596, 76597, 76598
14270	Spring—Retaining spring for focus control knob
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
72936	Stop—Cabinet door stop for Model 17T174
76600	Strap—Grounding strap (copper strip ½" x 18" long) for Models 17T155, 17T160 & 17T174
76526	Strip—Coil segment mounting strip—LH lower
76544	Strip—Coil segment mounting strip—LH upper—less trimmer
76525	Strip—Coil segment mounting strip—RH center
75173	Stud—Adjusting stud for trimmer capacitor C226
76636	Stud—Adjusting stud complete with guard for focus magnet
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coil L49, C15 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coil L49, C15 coded numerically and "Hi Q"
76740	Stud—#6-32 x 1" adjusting stud for capacitor C8 (early production)
75173	Stud—#6-32 x 13/16" adjusting stud for capacitor C8 (production marked "M1")
76428	Support—Bakelite support only—part of high-voltage shield
76463	Terminal—Screw type grounding terminal
76836	Washer—Cellulose washer—gold for knobs 17T174 for Models 17T162, 17T172, 17T173 &
75457	Washer—Felt washer—dark brown—between knob and channel marker escutcheon for metal, mahogany or walnut instruments
75458	Washer—Felt washer—beige—between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back screws (4 req'd)
75190	Washer—Insulating washer (neoprene) for mounting capacitor on coil strip

MODEL 17T172K
17T173, 17T174K

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Stock No.	Description
	SPEAKER ASSEMBLIES
	971490-2W
	RL 105C18
	RMA 274
75024	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 prong male plug for speaker
75022	Speaker—8" P.M. speaker complete with cone and voice coil (3.2 ohms) less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES
	92569-14-W
	RL-111A11
	RMA-274
	(For Model 17T172 & 17T173)
	(For Model 17T172 & 17T173)
75682	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
76833	Speaker—12" P.M. speaker complete with cone and voice coil less transformer and plug
75520	Transformer—Output transformer
	SPEAKER ASSEMBLIES
	971494-1W
	RL-11182
	RMA-274
	(For Model 17T172)
	(For Model 17T172)
76296	Cone—Cone and voice coil (3.2 ohms)
5039	Connector—4 contact male connector
76389	Speaker—12" P.M. speaker complete with cone and voice coil (3.2 ohms) less output transformer and plug
75520	Transformer—Output transformer

NOTE: If stamping on speaker in instrument does not agree with above speaker numbers, order replacement parts by referring to model number of instrument, brand name of speaker and full description of part required.

Stock No.	Description
	MISCELLANEOUS
76831	Back—Cabinet back complete with power cord for Model 17T172K
76835	Back—Cabinet back complete with power cord for Model 17T173K
76832	Back—Cabinet back complete with power cord for Model 17T174K
76184	Board—Antenna terminal board
76539	Board—Antenna matching transformer terminal board less coils L38, L59, L60 and less capacitors C24, C25, C26, C27
76531	Board—Terminal board, 5 contact and ground
76456	Bracket—Channel indicator lamp bracket
76590	Bracket—Hanger bracket from cabinet top panel to support deflection yoke hood
76454	Bracket—Mounting bracket complete with insulator for picture control
71599	Bracket—Pilot lamp bracket for Models 17T172 & 17T174
76522	Bracket—Vertical bracket for holding rf amplifier tube (6BQ7) shield (early production)
76845	Bracket—Vertical bracket for holding oscillator-mixer tube shield (production marked "M1")
13103	Cap—Pilot lamp cap for Models 17T172, 17T174
71892	Catch—Bullet catch and strike for cabinet doors for Models 17T173, 17T174
76143	Clip—Tubular, clip for mounting stand-off capacitors
X3232	Cloth—Baffle board and grille cloth for walnut and mahogany Model 17T174
X3239	Cloth—Baffle board and grille cloth for oak Model 17T174
X3199	Cloth—Grille cloth for mahogany or walnut instruments for Model 17T172
X3089	Cloth—Grille cloth for oak instruments for Model 17T172
X3120	Cloth—Grille cloth for Model 17T173
73591	Coil—Antenna matching coil (2 required)
38853	Connector—4 contact female connector—part of antenna matching transformer
74594	Connector—2 contact male connector for power cord
76559	Connector—Oscillator grid connector

Stock No.	Description
75474	Connector—Single contact male connector for television antenna cable (2 required)
39153	Connector—4 contact male connector for television antenna cable
76457	Connector—2nd anode lead connector — mounted on high-voltage capacitor
76460	Contact—Test point contact
75517	Contact—2nd anode connector contact only
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor
76543	Core—Adjusting core for FM trap
	Crystal—See Rectifier—Crystal
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
76631	Cushion—Rubber cushion for dust sealing the kinescope
76627	Cushion—Rubber cushion for safety glass (4 required) for Models 17T172, 17T173, 17T174
76512	Decal—Control function decal for oak instruments
71984	Decal—Trade mark decal for Model 17T174
76521	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75456	Escutcheon—Channel marker escutcheon
74839	Fastener—Push fastener for mounting tube sockets
74889	Feet—Felt feet for cabinet (4 required) for Model 17T153
72113	Foot—Rubber foot for cabinet (4 required) for Model 17T155
73453	Form—Coil form for coils L48, L50 & L53
76581	Glass—Safety glass for Model 17T153
76615	Glass—Safety glass for mahogany or walnut Models 17T155, 17T160, 17T162, 17T172, 17T173 & 17T174
76680	Glass—Safety glass for oak Models 17T155, 17T160, 17T162, 17T172 & 17T174
37396	Grommet—Rubber grommet for mounting tube sockets
37396	Grommet—Rubber grommet for mounting speaker (3 required) for Models 17T172, 17T173
76459	Grommet—Rubber grommet for 2nd anode lead exit
74308	Hinge—Cabinet door hinge (1 set) for Models 17T172, 17T173 & 17T174
76169	Hood—Deflection yoke hood less rubber cushions
76596	Knob—Brightness control or vertical hold control — beige — for oak instruments (outer)
76595	Knob—Brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
76594	Knob—Channel selector knob—beige—for oak instruments (inner)
76593	Knob—Channel selector knob — maroon — for mahogany or walnut instruments (inner)
76592	Knob—Fine tuning control knob—beige—for oak instruments (outer)
76591	Knob—Fine tuning control knob—maroon—for mahogany or walnut instruments (outer)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
76598	Knob—Tone control and phono switch knob—beige—for oak instruments (outer)
76597	Knob—Tone control and phono switch knob—maroon—for mahogany or walnut instruments (outer)
11765	Lamp—Channel marker escutcheon or pilot — RCA 51
76480	Lead—Anode lead complete with eyelet
76524	Link—Link assembly for fine tuning
76375	Magnet—Centering magnet
76141	Magnet—Ion trap magnet (P.M.)
75459	Mask—Channel marker escutcheon, light mask—burgundy—for mahogany or walnut instruments
76589	Mask—Channel marker escutcheon, light mask—medium dark beige—for oak instruments for Models 17T172 & 17T174
76679	Mask—Polystyrene masking panel for Models 17T172, 17T173 & 17T174
76728	Nut—Speed nut for trimmer capacitor C2226
73634	Nut—Speed nut for speaker mounting screws (3 required) for Models 17T172, 17T173 & 17T174
71455	Nut—#8-32 wing nut to mount yoke hood to hanger bracket
76177	Nut—#10-32 special nut for deflection yoke hood support rods (2 required)
76601	Pad—Kinescope edge support pad (2 required)
76515	Plate—Back plate for door pull (2 required) for Model 17T172
18469	Plate—Bakelite mounting plate for electrolytic C203, C204
76464	Plate—High-voltage plate—bakelite—complete with tube socket and corona ring

Stock No.	Description
73034	Pull—Door pull (rosette design) (2 required) for Model 17T172
76513	Pull—Door pull (basket weave design) (2 required) for Model 17T172
76774	Pull—Door pull, upper for Model 17T173
76775	Pull—Door pull, lower for Model 17T173
14343	Retainer—Fine tuning shaft retaining ring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76176	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
76776	Screw—#4-40 x 13/16" trimit head screw for door pull 76775
76547	Screw—#4-40 x ¼" adjusting screw for coils L6, L7, L8, L9, L10, L11
76548	Screw—#4-40 x 5/16" adjusting screw for coils L1, L2, L3, L4, L46
76549	Screw—#4-40 x ⅜" adjusting screw for coil L5
74307	Screw—#8-32 x 1⅛" trimit head screw for door pull 73034
76514	Screw—#10-24 x 1⅛" trimit head screw for door pull 76513
76632	Screw—#8 x ⅝" self tapping hex head wood to mount polystyrene panel (12 required) or hanger bracket (2 required) for Models 17T155, 17T160, 17T162, 17T172 & 17T174
71456	Screw—#8-32 x 7/16" wing screw to mount deflection yoke
76519	Shaft—Channel selector shaft and plate
76455	Shaft—Connecting shaft (nylon) for picture and brightness controls
76134	Shaft—Fine tuning shaft and cam
76518	Shield—Front shield complete with shaft bushing and bracket
76534	Shield—Tube shield plain for V2 (also V1 in M1 production)
76533	Shield—Tube shield (lead coated) for V1 (early production)
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket and lead
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
75222	Socket—Tube socket, octal, ceramic, plate mounted
76453	Socket—Tube socket, octal, moulded bakelite, plate mounted
31251	Socket—Tube socket, octal, wafer
76462	Socket—Tube socket, noval, moulded saddle mounted
50367	Socket—Tube socket, 6 pin, moulded saddle mounted
73115	Socket—Tube socket, 7 pin, moulded plate mounted, miniature
73117	Socket—Tube socket, 7 pin, wafer miniature
71508	Socket—Tube socket for 1B3-GT
76336	Socket—Tube socket, 9 pin, miniature, bakelite, saddle mounted
76530	Socket—Tube socket, 9 pin, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
76180	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hairpin spring for fine tuning link
76523	Spring—Retaining spring for oscillator-mixer tube shield (early production)
75068	Spring—Retaining spring for oscillator-mixer tube shield (production marked "M1")
30330	Spring—Retaining spring for knobs #74963 & 75464
72485	Spring—Retaining spring for knobs #76591 & 76592
14270	Spring—Retaining spring for knobs #76593, 76594, 76595, 76596, 76597, 76598
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
72936	Stop—Cabinet door stop for Model 17T174
76600	Strap—Grounding strap (copper strip ½" x 18" long) for Model 17T174
76526	Strip—Coil segment mounting strip—LH lower
76544	Strip—Coil segment mounting strip—LH upper—less trimmer
76525	Strip—Coil segment mounting strip—RH center
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coil L49, C15 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coil L49, C15 coded numerically and "Hi Q"

Stock No.	Description
76740	Stud—#6-32 x 1" adjusting stud for capacitor #76545 (early production)
75173	Stud—#6-32 x 13/16" adjusting stud for capacitor #76781 (production marked "M1")
75173	Stud—Adjusting stud for trimmer capacitor C226
76636	Stud—Adjusting stud complete with guard for focus magnet
76428	Support—Bakelite support only—part of high-voltage shield
76463	Terminal—Screw type grounding terminal
76836	Washer—Cellulose washer—gold for knobs for Models 17T172, 17T173 & 17T174
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for metal, mahogany or walnut instruments
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back screws (4 required)
75190	Washer—Insulating washer (neoprene) for mounting capacitor on coil strip

MODEL 21T176, 21T177 21T178, 21T179

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Stock No.	Description
	MISCELLANEOUS
76655	Back—Cabinet back complete with power cord
76184	Board—Antenna terminal board
76539	Board—Antenna matching transformer terminal board less coils L58, L59, L60 and less capacitors C24, C25, C26, C27
76531	Board—Terminal board, 5 contact and ground
76456	Bracket—Channel indicator lamp bracket
76629	Bracket—Hanger bracket from cabinet top panel to deflection yoke hood
76697	Bracket—Masking panel support bracket (2 required)
76490	Bracket—Mounting bracket complete with insulator for picture control
71599	Bracket—Pilot lamp bracket
76599	Bracket—"U" shape bracket for holding "L" shape support rods (2 required)
76322	Bracket—Vertical bracket for holding oscillator and mixer tube (6X8) tube shield 76533 (early production)
76845	Bracket—Vertical bracket for holding oscillator and mixer tube (6X8) tube shield 76534 (late production)
76699	Bumper—Rubber bumper for kinescope (as required)
12118	Cap—6CD6 tube connector cap
13103	Cap—Pilot lamp cap
71892	Catch—Bullet catch and strike for doors
76143	Clip—Tubular clip for mounting stand-off capacitors
X3199	Cloth—Grille cloth for mahogany or walnut instruments for Models 21T176, 21T177, 21T178, 21T179 or for maple instruments for Model 21T179
X3089	Cloth—Grille cloth for oak instruments for Model 21T176
X3222	Cloth—Grille cloth for oak instruments for Model 21T177
76457	Connector—2nd anode lead connector — mounted on high-voltage capacitor
74594	Connector—2 contact male connector for power cord
76559	Connector—Oscillator grid connector
38853	Connector—4 contact female connector—part of antenna matching transformer
39153	Connector—4 contact male connector for antenna cable
75474	Connector—Single contact male connector for antenna cable (2 required)
75517	Contact—Anode connector contact only
76460	Contact—Test point contact
71457	Cord—Power cord and plug
75187	Core—Adjustable core for fine tuning capacitor
76543	Core—Adjusting core for FM trap
74956	Cushion—Rubber cushion for deflection yoke hood (2 required)
76631	Cushion—Rubber cushion for dust sealing the kinescope
76627	Cushion—Rubber cushion for safety glass (4 required)
76698	Cushion—Rubber cushion for masking panel support bracket (2 required)
76566	Decal—Control function decal for mahogany or walnut instruments
76567	Decal—Control function decal for oak or maple instruments
71984	Decal—Trade mark decal
76521	Detent—Detent mechanism and fibre shaft
74809	Emblem—"RCA Victor" emblem
75456	Escutcheon—Channel marker escutcheon
74839	Fastener—Push fastener for mounting tube sockets
73453	Form—Coil form for coils L48, L50 & L53
76622	Glass—Safety glass
37396	Grommet—Rubber grommet for mounting speaker (3 required)
37396	Grommet—Rubber grommet for mounting tube sockets
76459	Grommet—Rubber grommet for 2nd anode lead exit
74308	Hinge—Cabinet door hinge (1 set)
76654	Hood—Deflection yoke hood less rubber cushions
76595	Knob—Brightness control or vertical hold control knob—maroon—for mahogany or walnut instruments (outer)
76625	Knob—Brightness control or vertical hold control — tan — for maple instruments (outer)
76596	Knob—Brightness control or vertical hold control knob—beige—for oak instruments (outer)
76593	Knob—Channel selector knob—maroon—for mahogany or walnut instruments (inner)
76624	Knob—Channel selector knob — tan — for maple instruments (inner)
76594	Knob—Channel selector knob—beige—for oak instruments (inner)
76591	Knob—Fine tuning control knob—maroon —for mahogany or walnut instruments (outer)
76623	Knob—Fine tuning control knob—tan—for maple instruments (outer)
76592	Knob—Fine tuning control knob—beige—for oak instruments (outer)
74963	Knob—Picture control, horizontal hold control or volume control and power switch knob—maroon—for mahogany or walnut instruments (inner)
74001	Knob—Picture control, horizontal hold control or volume control and power switch knob—tan—for maple instruments (inner)
75464	Knob—Picture control, horizontal hold control or volume control and power switch knob—beige—for oak instruments (inner)
76597	Knob—Tone control and phono switch knob —maroon— for mahogany or walnut instruments (outer)
76626	Knob—Tone control and phono switch knob —tan—for maple instruments (outer)
76598	Knob—Tone control and phono switch knob —beige—for oak instruments (outer)
11765	Lamp—Channel marker escutcheon or pilot lamp—RCA 51
76480	Lead—Anode lead complete with eyelet
76524	Link—Link assembly for fine tuning
76652	Magnet—Focus magnet complete (screw driver adjustment type)
76141	Magnet—Ion trap magnet (P.M. type)
75459	Mask—Channel marker escutcheon—light mask—burgundy—for mahogany or walnut instruments
76589	Mask—Channel marker escutcheon—light mask—medium dark beige—for oak or maple instruments
76696	Mask—Polystyrene masking panel for kinescope
71455	Nut—#8-32 wing nut to mount yoke hood to hanger bracket
76177	Nut—#10-32 special nut for deflection yoke hood support rod (2 required)
76728	Nut—Speed nut for trimmer capacitor C226
73634	Nut—Speed nut for speaker mounting screws
76601	Pad—Kinescope edge support pad (4 required)
76570	Plate—Back plate for center door pull for Model 21T178
76500	Plate—High-voltage plate (bakelite) complete less transformer socket and lead
76569	Pull—Center door pull for Model 21T178 (2 required)
76645	Pull—Door pull (2 required) for mahogany or walnut instruments for Model 21T176
76756	Pull—Door pull (2 required) for oak instruments for Model 21T176
76571	Pull—Door pull for Model 21T177
76198	Pull—Door pull for lower door for Model 21T179
76196	Pull—Door pull for upper LH door for Model 21T179
76197	Pull—Door pull for upper RH door for Model 21T179
76568	Pull—Upper door pull for Model 21T178 (4 required)
76649	Radiator—Heat dissipating radiator for 6CD6 tube
14343	Retainer—Fine tuning shaft retaining ring
76650	Ring—Anchoring ring for radiator holddown spring
75164	Rod—Actuating plunger rod (fibre) for fine tuning link
76628	Rod—"L" shape threaded rod to support deflection yoke hood assembly (2 required)
76547	Screw—#4-40 x ¼" adjusting screw for coils L6, L7, L8, L9, L10, L11
76548	Screw—#4-40 x 5/16" adjusting screw for coils L1, L2, L3, L4, L46
76549	Screw—#4-40 x ⅜" adjusting screw for coil L5
76632	Screw—#8 x ⅜" self tapping hex head wood screw to mount kinescope panel (12 required) or hanger bracket (2 required)
74279	Screw—#8-32 x ⅞" trimit head screw for Model 21T176 door pulls or Model 21T179 upper door pulls
74269	Screw—#8-32 x ¾" trimit head screw for upper door pull for Model 21T178
74113	Screw—#8-32 x 1" trimit head screw for door pull for Model 21T177
74307	Screw—#8-32 x 1⅛" trimit head screw for center door pull for Model 21T178
75626	Screw—#8-32 x 1¼" trimit head screw for door pull for lower doors for Model 21T179
71456	Screw—#8-32 x 7/16" wing screw to mount deflection yoke
76487	Shaft—Connecting shaft—nylon—for picture and brightness controls
76519	Shaft—Channel selector shaft and plate
76134	Shaft—Fine tuning shaft and cam
76518	Shield—Front shield complete with shaft bushing and bracket
76741	Shield—Tube shield for vertical oscillator 6SN7-GT (V114)
76533	Shield—Tube shield (lead coated) for V1 (early production)
76534	Shield—Tube shield (plain) for V2 (early production) or for V1 & V2 (late production)
73584	Shield—Tube shield
75718	Socket—Channel indicator lamp socket
74834	Socket—Kinescope socket
31364	Socket—Pilot lamp socket
73249	Socket—Tube socket, octal, ceramic, plate mounted
76453	Socket—Tube socket, octal, moulded bakelite, plate mounted
31251	Socket—Tube socket, octal, wafer
71508	Socket—Tube socket, 6 contact, moulded bakelite
50367	Socket—Tube socket, 6 pin, moulded, saddle mounted
71494	Socket—Tube socket, 7 pin, moulded, saddle mounted, miniature
73117	Socket—Tube socket, 7 pin, wafer, miniature
76336	Socket—Tube socket, 9 pin, miniature, bakelite, saddle mounted
76530	Socket—Tube socket, 9 pin, miniature, ceramic, saddle mounted
75191	Spacer—Insulating spacer for front plate (4 required)
76630	Spring—Formed spring for kinescope masking panel (6 required)
75163	Spring—Friction spring (formed) for fine tuning cam
30340	Spring—Hairpin spring for fine tuning link
30330	Spring—Retaining spring for knobs #74001, 74963 & 75464
72845	Spring—Retaining spring for knobs #76591, 76592 & 76623
14270	Spring—Retaining spring for knobs #76593, 76594, 76595, 76596, 76597, 76598, 76623, 76624, 76625 & 76626
76523	Spring—Retaining spring for oscillator and mixer tube (6X8) tube shield 76533 (early production)
75068	Spring—Retaining spring for oscillator and mixer tube (6X8) tube shield 76534 (late production)
73457	Spring—Return spring for fine tuning control
73643	Spring—Spring clip for channel marker escutcheon
74936	Spring—Spring for kinescope socket leads
76651	Spring—Springs for securing 6CD6 radiator (3 required)
72936	Stop—Cabinet door stop
76600	Strap—Grounding strap (copper strip—½" x 18" long)
76526	Strip—Coil segment mounting strip—LH lower
76544	Strip—Coil segment mounting strip—LH upper—less trimmer
76525	Strip—Coil segment mounting strip—RH center
76636	Stud—Adjusting stud complete with guard for focus magnet
75173	Stud—#6-32 x 13/16" adjusting stud for capacitor C8
76740	Stud—#6-32 x 1" adjusting stud for capacitor C8
75446	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coil L49, C15 uncoded and coded "ER"
75447	Stud—Capacitor stud — brass — #4-40 x 13/16" with 3/64" screw driver slot for trimmer coil L49, C15 coded numerically coils L1, L2, L3, L4, L46
76428	Support—Bakelite support only—part of high-voltage shield
76463	Terminal—Screw type grounding terminal
76836	Washer—Cellulose washer—gold—for knobs
75457	Washer—Felt washer — dark brown — between knob and channel marker escutcheon for mahogany or walnut instruments
75523	Washer—Felt washer—tan—between knob and channel marker escutcheon for maple instruments
75458	Washer—Felt washer — beige — between knob and channel marker escutcheon for oak instruments
75500	Washer—Felt washer for cabinet back mounting screws (4 required)
75190	Washer—Insulating washer (neoprene) for mounting capacitor on coil strip

Model Name vs Model Number

Model Name	Model Number
Bently	4T101
Bristol	17T153
Caldwell	17T162
Calhoun	17T173, 17T173K
Clarendon	21T179
Covington	17T172, 17T172K
Cumberland	2T60
Donley	21T177
Fairfax	6T84
Fairfield	6T72, 6T71, 7T122, 7T122B
Hampton	17T160
Hartford	6T87
Haywood	7T111B
Highland	6T65, 7T112, 7T112B
Hillsdale	9T77, 9T126
Kent	6T54, 7T104, 7T104B
Kendall	17T174, 17T174K
Kingsbury	6T64
Modern	6T75, 7T124
Newport	6T53, 7T103, 7T103B
Northampton	9T79
Preston	17T155
Provincial	6T76, 7T125B, 9T128
Regency	6T74, 7T123, 7T123B
Rockingham	21T178
Rutland	6T86, 7T143
Sedgwick	9T89, 9T147
Shelby	2T51
Somervell	2T81, 4T141
Suffolk	21T176
Talbot	16T152
Whitfield	17T154
Winston	7T132
York	9T57, 9T105

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KCS46	37
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KCS47AT	53
KCS47B	69
KCS47C	69
KCS47D	81
KCS47E	117
KCS47F	73
KCS47G	73
KCS47GF	73
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TC166	KCS40A	17
TC167	KCS40A	17
TC168	KCS40A	17
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6T54	KCS47	49
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6T65	KCS47A	49
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6T71	KCS47A	49
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